

FEDERAL BUREAU OF INVESTIGATION  
U. S. DEPARTMENT OF JUSTICE  
COMMUNICATIONS SECTION

MAY 8 1950

TELETYPE

Mr. Tolson	_____
Mr. Ladd	_____
Mr. Clegg	_____
Mr. Glavin	_____
Mr. Nichols	_____
Mr. Rosen	_____
Mr. Tracy	_____
Mr. Harbo	_____
Mr. Belmont	_____
Mr. Mohr	_____
Tele. Room	_____
Mr. Nease	_____
Miss Gandy	_____

WASH AND WASH FLD FROM NEW YORK 43 3 7-07 P

DIRECTOR AND SAC URGENT

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 4/28/87 BY 3042 PWH/stm

ABRAHAM BROTHMAN, WA, ESP - R. WALTER BODE, REALTOR IN BUILDING WHERE  
BROTHMAN HAS OFFICES, ADVISED YESTERDAY MIRIAM MOSKOWITZ INFORMED  
HIM RECENTLY THAT "WE" APPARENTLY MEANING SHE AND BROTHMAN, WOULD BE  
GOING TO SWITZERLAND THIS SUMMER AS THEY DID LAST SUMMER. SHE GAVE  
NO INDICATION OF HOW OR WHEN. MAIL COVER HAS SHOWN CORRESPONDENCE  
FROM SWISS CONSULATE, NYC, TO BROTHMAN. AIRLINES ARE BEING CHECKED  
FOR RESERVATIONS. WFO REQUESTED TO CONTACT STATE DEPT TO DETERMINE  
IF EITHER OR BOTH HAVE BEEN ISSUED PASSPORTS. SUTEL.

TWO COPIES WFO

50 MAY 18 1950

RECORDED - 46

INDEXED - 46

SCHEIDT

51-100-365040-9  
MAY 8 1950

FEDERAL BUREAU OF INVESTIGATION  
UNITED STATES DEPARTMENT OF JUSTICE

CC-150

To: COMMUNICATIONS SECTION.

May 9, 1950

Transmit the following message to: SACs, NEW YORK  
PHILADELPHIA  
WASHINGTON FIELD

URGENT

ABRAHAM BROTHMAN, was., REP-2.

RE NY TEL MAY FIVE. PHILA AND NY IMMEDIATELY SUTEL RESULTS EFFORTS LOCATE  
HARRY GOLD. WHO IMMEDIATELY CHECK STATE DEPT. AND SUTEL RE POSSIBLE  
ISSUANCE PASSPORT TO GOLD. BUREAU SHOULD BE PROMPTLY ADVISED BY TEL OF  
ALL DEVELOPMENTS IN THIS MATTER.

HOOVER

EJVL:hc

CC: Washington Field by Special Messenger

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198 MAR 5 1963

Mr. Tolson  
Mr. Clegg  
Mr. Glavin  
Mr. Ladd  
Mr. Nichols  
Mr. Rosen  
Mr. Tracy  
Mr. Egan  
Mr. Gurnea  
Mr. Harbo  
Mr. Mohr  
Mr. Pennington  
Mr. Quinn Tamm  
Tele. Room  
Mr. Nease  
Miss Gandy

FEDERAL BUREAU OF INVESTIGATION  
U. S. DEPARTMENT OF JUSTICE  
COMMUNICATIONS SECTION

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MAY - 9 1950

TELETYPE

51 MAY 18 1950  
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EX-21

304 P

Per

U. S. DEPT. OF JUSTICE  
FBI  
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MAY 10 1950

AB  
114



FEDERAL BUREAU OF INVESTIGATION  
UNITED STATES DEPARTMENT OF JUSTICE

CC-150

To: COMMUNICATIONS-SECTION.

Transmit the following message to:

May 10, 1950

URGENT

Classified By 2355 A.A. 10/1/71  
Exempt from GDS, Category 2  
Date of Declassification Indefinite

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ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED EXCEPT  
WHERE SHOWN OTHERWISE.

ABRAHAM BROTHMAN, WAS., REP. R.

RE PHILA TEL MAY NINTH ADVISING HARRY GOLD REPORTEDLY RESIDING SIX EIGHT  
TWO THREE KINDRED ST., PHILA, AND SURVEILLANCE IN PROGRESS TO VERIFY.  
IMPERATIVE GOLD BE LOCATED SOON AS POSSIBLE FOR INTERVIEW, AND EFFORTS  
IN ADDITION TO SURVEILLANCE SHOULD BE MADE. PHILA PROMPTLY TELETYPE  
BUREAU AND NY ALL DEVELOPMENTS, AND NY ALSO BE ALERT FOR POSSIBILITIES  
LOCATING GOLD. IF EVENT GOLD LOCATED PHILA, NY AUTHORIZED HAVE TWO AGENTS  
EXPERIENCED ESPIONAGE MATTERS AND THOROUGHLY FAMILIAR ALL DETAILS THIS  
CASE, PROCEED PHILA TO CONDUCT INTERVIEW. IN CONTEMPLATED INTERVIEW WITH  
BROTHMAN, NY endeavor OBTAIN POSSESSION HIS FILE ON THERMAL DIFFUSION.

EJVL:hs

HOOVER

100-365040  
65-58806

Classified by 3542 PWT/lmh  
Declassify on: OADR 1/28/87

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196 MAR 5 1963

Note: In view extreme importance of interview of Harry Gold with respect  
(TS) to identifying Unsub and availability of all details in this  
case to New York, it is recommended New York agents interview Gold  
should he be located in Philadelphia.

Mr. Tolson  
Mr. Clegg  
Mr. Glavin  
Mr. Ladd  
Mr. Nichols  
Mr. Rosen  
Mr. Tracy  
Mr. Egan  
Mr. Gurnea  
Mr. Harbo  
Mr. Mohr  
Mr. Pennington  
Mr. Quinn Tamm  
Tele. Room  
Mr. Nease  
Miss Gandy

FEDERAL BUREAU OF INVESTIGATION  
U. S. DEPARTMENT OF JUSTICE  
COMMUNICATIONS SECTION

MAY 10 1950

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- ☐ Information pertained only to a third party with no reference to you or the subject of your request.
- ☐ Information pertained only to a third party. Your name is listed in the title only.
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FEDERAL BUREAU OF INVESTIGATION  
U. S. DEPARTMENT OF JUSTICE  
COMMUNICATIONS SECTION

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DATE 1-29-87 BY 3042 PWT/JSB

MAY 17 1950  
TELETYPE

2-001840

WASH FROM NEW YORK 13 444 608 PM

DIRECTOR URGENT

Abraham Brothman

FOOCASE., ESP DASH R. REBUTEL INSTANT AND NEW HAVEN TEL TWELFTH  
INSTANT. NY HAS SUFFICIENT FACTS OBTAINED FROM WEBER INTERVIEW AND  
INFO TEDLEE CHEMICAL CO. DASH FAG DASH FILE ON [REDACTED] WHICH TO QUESTION  
BROTHMAN RE HIS ASSOCIATION WITH TEDLEE AND REGAL. NOT BELIEVED  
NECESSARY TO CONTACT STEINKRAUS AT THIS TIME. NEW HAVEN HOLD INVESTIGATION  
TEMPORARILY IN ABEYANCE.

NEW HAVEN ADVISED

HOLD  
53 MAY 18 1950

RECORDED - 58  
INDEXED - 58

SCHEIDT  
MAY 17 1950

100-365040-10842

cc: Mr. [REDACTED]

Mr. Tolson	
Mr. Ladd	
Mr. Clegg	
Mr. Glavin	
Mr. Nichols	
Mr. Rosen	
Mr. Tracy	
Mr. Harbo	
Mr. Belmont	
Mr. Mohr	
Tele. Room	
Mr. Nease	
Miss Gandy	

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MAY 15 1950

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Declassify on: OADR  
11/18/86

Mr. Tolson	✓
Mr. Ladd	✓
Mr. Clegg	✓
Mr. Glavin	✓
Mr. Nichols	✓
Mr. Rosen	✓
Mr. Tracy	✓
Mr. Harbo	✓
Mr. Belmont	✓
Mr. Mohr	✓
Tele. Room	✓
Mr. Nease	✓
Miss Gandy	✓

Classified by 2835  
Exempt from GDS, Category 2  
Date of Declassification Indefinite

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APPROPRIATE AGENCIES  
AND FIELD OFFICES  
ADVISED BY ROUTING  
SLIP(S) OF clear  
DATE 4-10-78

WASHINGTON FROM NEW YORK 59

DIRECTOR

.....U R G E N T.....

ABRAHAM BROTHMAN, [WA. ~~REDACTED~~] ESP - R. ORIGINAL CONTACTS WITH SUBJECT AND MOSKOWITZ MADE ONE PM MAY FIFTEEN AT SUBJECT-S OFFICE. BOTH SUBJECT AND MOSKOWITZ THEN DECLINED TO BE INTERVIEWED PENDING ADVICE FROM AN ATTORNEY. THEY CONSULTED FOWLER HAMILTON, NY ATTORNEY, WHO ADVISED BOTH TO COOPERATE FULLY WITH BUREAU. PRELIMINARY INTERVIEWS WITH SUBJECT AND MOSKOWITZ CONDUCTED THIS EVENING, NYO. NATURE OF CONTRACTS HELD BY SUBJECT WHEN HE FIRST OPENED A. BROTHMAN AND ASSOCIATES FURNISHED BY HIM AND IDENTITIES ALL EMPLOYEES IN OFFICE AND LABORATORY OBTAINED. LABORATORY OPENED ELMHURST MAY OR JUNE, FORTYFIVE TO HANDLE CONTRACT WITH CHINESE GOVT. FOR MANUFACTURE OF LUCITE AND PLYWOOD FOR AIRCRAFT. SUBJECT MENTIONED HE WAS CHEATED BY GOLWYNNE OF CHEMURGY, WHO DENIED SUBJECT FIFTY PER CENT OF STOCK OF BUSINESS PREVIOUSLY PROMISED TO HIM. THIS OCCURRED ABOUT AUGUST ONE, FORTYFOUR. INFO ON FINANCIAL BACKING OF A. BROTHMAN AND ASSOCIATES OBTAINED. THIS INCLUDED SIXTEEN THOUSAND DOLLARS "RISKED CAPITAL" MADE AVAILABLE TO SUBJECT IN FORTYFIVE BY BERNARD PIDTO AT BEGINNING OF CONTRACT FOR CHINESE GOVT. INTERVIEWS TEMPORARILY SUSPENDED TO ALLOW SUBJECT TO HANDLE EXPEDITE.

58 MAY 31 1950  
END PAGE ONE

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MAY 17 1950

100-365040-13

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PAGE TWO

BUSINESS AFFAIRS. WILL BE RESUMED MAY SIXTEEN. IN VIEW PRESENT CO-  
OPERATIVE ATTITUDE SUBJECT AND MOSKOWITZ, PHYSICAL SURVEILLANCES DEEMED  
INADVISABLE INASMUCH AS THEY MIGHT TEND TO PREJUDICE FURTHER COOPERATION.  
HOWEVER SPOT CHECKS BEING MAINTAINED. SUBJECT HAS AGREED TO MAKE AVAIL-  
ABLE FILES, BOOKS AND RECORDS OF COMPANY FOR EXAMINATION BY AGENTS.  
EMIL Z. BARISH ALSO INTERVIEWED EVENING MAY FIFTEEN AND APPEARS  
COOPERATIVE. DETAILS OF THIS INTERVIEW WILL BE FORWARDED BY SEPARATE  
TELETYPE. BUREAU WILL BE KEPT CURRENTLY ADVISED ALL DEVELOPMENTS AND  
RESULTS FURTHER INTERVIEWS INSTANT MATTER.

SCHEIDT

END ACK PLS

NYC R -59 WA LRPP

*cc: Mr. Belmont*

~~TOP SECRET~~



~~TOP SECRET~~

# F.B.I. TELETYPE

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Exempt from GDS Category 2 & 3  
Date of Declassification Indefinite

Classified by 3042  
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Mr. Tolson  
Mr. E. A. Tamm  
Mr. Clegg  
Mr. Glavin  
Mr. Ladd  
Mr. Nichols  
Mr. Rosen  
Mr. Tracy  
Mr. Carson  
Mr. Egan  
Mr. Gurnea  
Mr. Harbo  
Mr. Hendon  
Mr. Pennington  
Mr. Quinn  
Mr. Nease  
Miss Gandy

FBI ATLANTA 5-16-50 1-10 PM

DIRECTOR AND SAC NEW YORK

URGENT

ABRAHAM BROTHMAN, WA, [REDACTED] ESP - R. WOLLAN INTERVIEWED FIFTEENTH INSTANT. INFORMATION RE CONTACTS OF BROTHMAN KNOWN TO HIM OBTAINED. NO ADDITIONAL CONTACTS KNOWN. DENIED KNOWING FUCHS OR HEINEMANN OR EVER HAVING BEEN IN STATES OF MASSACHUSETTS OR NEW MEXICO. WOLLAN IDENTIFIED PHOTO OF HARRY GOLD AS PERSON KNOWN TO HIM AS FRANK KEPPLER AND HARRY GOLD. DID NOT KNOW REASON FOR USE OF TWO NAMES BUT BELIEVED WAS BECAUSE OF MARITAL DIFFICULTIES. STATED GOLD EMPLOYED BY BROTHMAN PERSONALLY IN WINTER OF FORTY FIVE AND FORTY SIX OR SPRING OF FORTY SIX TO WORK WITH BROTHMAN ASSOCIATES. AT FIRST GOLD WORKED ONLY DAY OR TWO AT A TIME COMMUTING FROM PHILADELPHIA AND CONDUCTING EXPERIMENTS, MAKING SKETCHES, ETC. OF HIS OWN ALLEGEDLY FOR BROTHMAN, DETAILS OF WHICH NOT KNOWN TO WOLLAN. LATER WAS EMPLOYED FULL TIME MAINTAINING HOME IN PHILADELPHIA. WOLLAN STATED BROTHMAN APPEARED TO HAVE KNOWN GOLD FOR SOME TIME BEFORE EMPLOYMENT BUT GOLD UNKNOWN TO WOLLAN PRIOR. WOLLAN STATED THAT BROTHER ROLF PRESENTLY IN GLENWOOD, MINNESOTA, POSSIBLY UNEMPLOYED. LAST KNOWN TO HAVE BEEN EMPLOYED BY MINNESOTA STATE GAME AND FISH COMMISSION. STATED ROLF EMPLOYED BY BROTHMAN ASSOCIATES FOR SHORT TIME AFTER DISCHARGE FROM U.S. ARMY SIGNAL CORPS IN FORTY-FIVE. ROLF STATIONED IN ENGLAND FOR TWO YEARS DURING ARMY SERVICE. WOLLAN ENDEAVORING TO LOCATE PHOTO OF ROLF AND WILL BE RECONTACTED AT ONE PM TODAY. IN VIEW OF NATURE OF EMPLOYMENT OF GOLD BY BROTHMAN AND HIS PHYSICAL DESCRIPTION IT APPEARS HE IS MOST LOGICAL SUSPECT FOR UNSUB. WOLLAN STATED GOLD IS A CHEMIST WITH POSSIBLY SOME CHEMICAL ENGINEERING EXPERIENCE BUT IS NOT A PHYSICIST.

NY 2-19 PM OK FBI WA LIR

NY OK FBI NYC DW

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5-16-50

2:31 PM

MAY 17 1950

5 8 MAY 31 1950

~~TOP SECRET~~

cc: Mr. Belmont  
Mr. Tamm  
Mr. E. A. Tamm  
Mr. Clegg  
Mr. Glavin  
Mr. Ladd  
Mr. Nichols  
Mr. Rosen  
Mr. Tracy  
Mr. Carson  
Mr. Egan  
Mr. Gurnea  
Mr. Harbo  
Mr. Hendon  
Mr. Pennington  
Mr. Quinn  
Mr. Nease  
Miss Gandy

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FEDERAL BUREAU OF INVESTIGATION  
U. S. DEPARTMENT OF JUSTICE  
COMMUNICATIONS SECTION

MAY 17 1950

SECRET

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Mr. Tolson	_____
Mr. Ladd	_____
Mr. Clegg	_____
Mr. Glavin	_____
Mr. Nichols	_____
Mr. Rosen	_____
Mr. Tracy	_____
Mr. Harbo	_____
Mr. Belmont	_____
Mr. Mohr	_____
Tele. Room	_____
Mr. Nease	_____
Miss Gandy	_____

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Date of Declassification Indefinite

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Classified by 012228  
Declassify on OADR  
11/19/86

WASH 1 NEW YORK 1 FROM LOS ANGELES 17

DIRECTOR AND SAC

U R G E N T

9-00 PM. RU  
APPROPRIATE AGENCIES  
AND FIELD OFFICES  
ADVISED BY ROUTING  
SLIP(S) OF Class  
DATE 1-10-78 9-11-94

ABRAHAM BROTHMAN, WA PAREN [REDACTED] PAREN, SP DASH R. REBULET MAY ONE, NYTEL MAY THIRTEEN. JULES KORCHIEN INTERVIEWED BRIEFLY THIS DATE. TERMINATED BECAUSE OF BUSINESS APPOINTMENT. AGENTS HAVE APPOINTMENT TO CONTINUE INTERVIEW TWO PM ON MAY SEVENTEEN. KORCHIEN ADVISED HE MET BROTHMAN ABOUT FORTY TWO. KORCHIEN EMPLOYED BY HENRY A. GOLWINNE AS ARCHITECT ON RUFERT CHEMICAL CO. PROJECT ON WHICH BROTHMAN WAS ASSOCIATED AS CHEMICAL ENGINEER. KORCHIEN RESPONSIBLE FOR HIRING OF OSCAR J. VAGO AS STRUCTURAL ENGINEER. VAGO WAS UNKNOWN TO BROTHMAN BUT KNOWN TO KORCHIEN SINCE LATE NINETEEN THIRTY. KORCHIEN ADVISED A. BROTHMAN AND ASSOCIATES, INC. ORGANIZED IN LATE FORTY THREE PAREN POSSIBLE FORTY FOUR PAREN ORIGINAL PARTNERS BEING BROTHMAN, VAGO, KORCHIEN AND WOLLAN. KORCHIEN REFERRED TO WOLLAN AS GUS AND STATED WOLLAN UNKNOWN TO HIM UNTIL BROTHMAN INTRODUCED THEM. KORCHIEN VAGUE AND RELUCTANT TO DISCUSS FINANCIAL STRUCTURE OF ABOVE ORGANIZATION. WHEN COMPANY WAS FORMED BROTHMAN HAD AGREEMENT WITH CHINESE GOV. TO FURNISH DESIGN FOR PLASTIC PLANT AND CHEMICAL PROCESSES. CHINESE OFFICIALS NOT KNOWN TO KORCHIEN. BUSINESS CONTACTS HANDLED BY BROTHMAN. REPEATED QUESTIONING KORCHIEN ADVISED THAT HE BELIEVED ABOUT FORTY THOUSAND DOLLARS WAS PAID THE COMPANY AT DIFFERENT PERIODS FOR THIS

END PAGE ONE

~~TOP SECRET~~ SECRET

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PAGE TWO.....

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REF ID: A66387

014274

WORK. KORCHIEN DENIED EVER RECEIVING ANY MONEY FOR WAGES OR SERVICES RENDERED COMPANY. STATES MANEY USED FOR SALARIES AND EQUIPMENT.

KORCHIEN ADVISED HE PERFORMED NO WORK ON CHINESE CONTRACT AND RECALLS THAT COMPANY HAD A CONTRACT WITH THE BRIDGEPORT BRASS CO. KORCHIEN ADVISES HE NEVER TOOK ACTIVE PART IN OPERATIONS OF COMPANY AND CEASED PARTNERSHIP PARTICIPATION WHEN THIS COMPANY MOVED TO QUEENS. KORCHIEN STATES HE AND BROTHMAN ADVANCED LOANS TO COMPANY AND THAT COMPANY IS INDEBTED TO HIM FOR EIGHTEEN HUNDRED DOLLARS AT THE PRESENT TIME.

KORCHIEN ADVISED THERE WERE OTHER PERSONS ASSOCIATED WITH OR EMPLOYED BY THE COMPANY UNKNOWN TO HIM. ALSO ABOUT THE TIME THE COMPANY DID ORGANIZE, A LABORATORY WAS SET UP NEAR ELMHURST AND THAT WOLLAN AND OTHERS WORKED THERE. RECALLS WOLLAN WORKED ON DDT PROCESS. STATES THAT BROTHMAN WAS FRIENDLY WITH AN EDITOR OF THE CHEMICAL AND METTALURGICAL JOURNAL AND BROTHMAN HAD SUBMITTED ARTICLES TO THIS MAGAZINE. NAME OF EDITOR NOT RECALLED. KORCHIEN MADE STATEMENT HE WOULD BE SURPRISED IF

*EMIL JULIUS KLAUS*

BROTHMAN INVOLVED IN FUCHS MATTER.

*FR. L. S. J. S.*

HOOD

ACK AND HOLD PLS

LOSA R 1 AND RELAY WA

TOM

SORRY PLS SISC

*Trans to NY.*

*CC. Mr. Langhorne*

~~TOP SECRET~~

SECRET

TOP SECRET



FEDERAL BUREAU OF INVESTIGATION  
U. S. DEPARTMENT OF JUSTICE  
COMMUNICATIONS SECTION

Mr. Tolson \_\_\_\_\_  
Mr. Ladd \_\_\_\_\_  
Mr. Clegg \_\_\_\_\_  
Mr. Glavin \_\_\_\_\_  
Mr. Nichols \_\_\_\_\_  
Mr. Rosen \_\_\_\_\_  
Mr. Tracy \_\_\_\_\_  
Mr. Harbo \_\_\_\_\_  
Mr. Belmont \_\_\_\_\_  
Mr. Mohr \_\_\_\_\_  
Tele. Room \_\_\_\_\_  
Mr. Nease \_\_\_\_\_  
Miss Gandy \_\_\_\_\_

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1/14/80

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CONF WASHINGTON 2 AND PHILADELPHIA 1 FROM NEW YORK 127 12-09 AM

DIRECTOR AND SAC URGENT

APPROPRIATE AGENCIES  
AND FIELD OFFICES  
ADVISED BY ROUTING  
SLIP(S) OF *Class*  
DATE *4-10-78* *9/1/94*

ABRAHAM BROTHMAN, WA [REDACTED] ESPR. REMYTEL MAY ONE FIVE LAST. INTERVIEW WITH SUBJ RESUMED MAY SIXTEEN AT PLANT OF ULSTER CHEMICAL CO., CLIFFWOOD, NJ WHERE BROTHMAN WAS WORKING. THIS WAS IN ACCORDANCE WITH BROTHMAN-S REQUEST AND TO PRESERVE HIS COOPERATIVE ATTITUDE. HISTORY OF CONTACTS BY BROTHMAN WITH <sup>JACOB</sup>GOLOS AND ~~CI~~GREGORY REVIEWED. CLAIMS TOLD GOLOS ONE NINE FOUR NAUGHT THAT HE NEEDED LAB TO PERFORM EXPERIMENTS. SUBSEQUENTLY CONTACTED BY HARRY GOLD, THEN EMPLOYED BY PENNSYLVANIA SUGAR REFINING CO. WHERE THROUGH COOPERATION OF HIS SUPERIOR HE COULD PERFORM EXTRA EXPERIMENTAL WORK. BROTHMAN FROM ONE NINE FORTY TO FORTYSIX GAVE GOLD CERTAIN EXPERIMENTS TO DO. DURING THIS TIME, BROTHMAN SAYS HE WAS IN CONSTANT TOUCH WITH GOLD THROUGH CORRESPONDENCE, TELEPHONE AND IN PERSON. GOLD KNEW MANY DETAILS OF BROTHMAN-S LIFE INCLUDING FACT THAT BROTHMAN QUIT CHEMURGY DESIGN CO. BECAUSE HE WAS CHEATED BY PARTNERS. BROTHMAN ADMITS CONTACTING ~~TEVERIANOVICH~~ OF AMTORG FORTYSIX TO OBTAIN CONTRACTS TO SET UP VITAMIN PLANT IN RUSSIA BUT CONTRACT NEVER MATERIALIZED. INFO ON IDENTITY AND DESCRIPTION OF OTHER CONTACTS OF SUBJ OBTAINED. NONE APPEARED TO TALLY WITH DESCRIPTION OF

UNSUB [REDACTED] ARRANGEMENTS MADE TO REVIEW ALL BROTHMAN FILES AND RECORDS MAY ONE SEVEN NEXT WHEN HE WILL AGAIN BE INTERVIEWED

END

WA NYC R-2 WA DW

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Exempt from GDS, Category 243  
Date of Declassification Indefinite

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- ☐ Information pertained only to a third party with no reference to you or the subject of your request.
- ☐ Information pertained only to a third party. Your name is listed in the title only.
- ☐ Documents originated with another Government agency(ies). These documents were referred to that agency(ies) for review and direct response to you.

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FEDERAL BUREAU OF INVESTIGATION  
U. S. DEPARTMENT OF JUSTICE  
COMMUNICATIONS SECTION

MAY 18 1950

TELETYPE

~~SECRET~~

Mr. Tolson \_\_\_\_\_  
Mr. Ladd \_\_\_\_\_  
Mr. Clegg \_\_\_\_\_  
Mr. Glavin \_\_\_\_\_  
Mr. Nichols \_\_\_\_\_  
Mr. Rosen \_\_\_\_\_  
Mr. Tracy \_\_\_\_\_  
Mr. Harbo \_\_\_\_\_  
Mr. Belmont \_\_\_\_\_  
Mr. Mohr \_\_\_\_\_

WASHINGTON AND WFO 7 NEW YORK 6 FROM PHILA

5-16-50

7-05 PM

Director

SACS.....U R G E N T

ABRAHAM BROTHMAN, WA., [REDACTED] ESP R. RE NY TEL DATED MAY SIXTEEN. CONSTANT PHYSICAL SURVEILLANCE CANNOT BE MAINTAINED IN DISCREET MANNER ON HARRY GOLD AT PLACE OF EMPLOYMENT. NEW YORK AWARE OF PHYSICAL SETUP AT PHILA GENERAL HOSPITAL. PHILA AGENT WAS INVITED TO VISIT LAB OF GOLD ON A PERSONAL BASIS AT HOSPITAL. THIS WILL BE DONE ON WEDNESDAY NEXT. EFFORTS WILL BE MADE TO INDUCE INVITATION TO MAKE RETURN CALL AT LAB ON THURSDAY. IF NOT SUCCESSFUL, GOLD WILL BESURVEILLED TO WORK ON THURSDAY AM. BECAUSE OF IRREGULARITY OF WORKING HOURS, NOT BELIEVED ADVISABLE TO ATTEMPT SURVEILLANCE AT CLOSE OF WORKING DAY. ON FRIDAY NEXT, PHILA CAN MAKE TELEPHONIC INQUIRIES AT PHILA GENERAL HOSPITAL OF GOLD RE HIS BEING ABLE TO KEEP FIVE O-CLOCK APPOINTMENT WITH NY AGENTS. IT IS BELIEVED ABOVE COVERAGE WILL PLACE GOLD AT HIS PLACE OF EMPLOYMENT UNTIL SUCH TIME AS NY AGENTS ARRIVE IN PHILA.

CORNELIUS

END

BOTH AAD PLS

WA PH R 7 WA LIR  
7.1 JUN 2 1950  
NY PH R 6 NYC REOT

RECORDED - 56  
INDEXED - 50

MAY 18 1950

Classified by 2533 WAB/DVR  
Exempt from GDS, Category 242  
Date of Declassification Indefinite

Classified by 242

Declassify on: DADR

DADR

~~SECRET~~

APPROPRIATE AGENCIES  
AND FIELD OFFICES  
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SLIP

Class. 4/10/78

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FEDERAL BUREAU OF INVESTIGATION  
U. S. DEPARTMENT OF JUSTICE  
COMMUNICATIONS SECTION

MAY 16 1950

SECRET

TELETYPE

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Declassify on: OADR  
11/14/86

~~TOP SECRET~~

Mr. Tolson	_____
Mr. Ladd	_____
Mr. Clegg	_____
Mr. Glavin	_____
Mr. Nichols	_____
Mr. Rosen	_____
Mr. Tracy	_____
Mr. Harbo	_____
Mr. Belmont	_____
Mr. Mohr	_____
Tele. Room	_____
Mr. Nease	_____
Mr. Gandy	_____

WASHINGTON 45 FROM NEW YORK

16

11-02 PM

DIRECTOR URGENT

APPROPRIATE AGENCIES  
AND FIELD OFFICES  
ADVISED BY ROUTING  
SLIP(S) OF *Chas.*  
DATE *4-10-78 GRT/CA*

ABRAHAM BROTHMAN, WAS., *b1* *S* *ESP-R*. MIRIAM MOSKOWITZ, PARTNER OF  
ABRAHAM BROTHMAN, INTERVIEWED AFTERNOON, MAY SIXTEEN. FURTHER DETAILS  
RE HER ASSOCIATION WITH *LA*, *BROTHMAN-S ASSOCIATES*, OBTAINED. ALSO INFO RE  
PARTNERS, EMPLOYEES, AND CONTACTS OF FIRM AND LAB AT ELMHURST, LONG  
ISLAND, OBTAINED TOGETHER WITH CONTRACTS, BUSINESS DEALINGS AND RESEARCH  
WORK. MOSKOWITZ STATED SHE KNEW NOTHING CONCERNING ASSOCIATION OF  
BROTHMAN AND HARRY GOLD PRIOR TO GOLD-S EMPLOYMENT AS HEAD OF LAB AT  
ELMHURST ABOUT MAY, FORTYSIX. ABOUT MAY, FORTYSEVEN, FIRM HAD NO  
MONEY BUT GOLD STAYED ON WITH EXPECTATION OF FUTURE PAYMENTS AND SHARE  
OF PROFITS IF SOMETHING MATERIALIZED. GOLD FINALLY LEFT MAY, FORTY  
EIGHT TO RETURN TO PHILA AS HE HAD NO MONEY AND NO SOURCE OF INCOME.  
FIRM STILL OWES GOLD APPROX. TWENTYFIVE HUNDRED DOLLARS REPRESENTING  
ABOUT A HALF YEAR-S SALARY. MOSKOWITZ RELATED THAT WHEN GOLD CAME  
WITH FIRM IN NINETEEN FORTYSIX. HE FREQUENTLY SPOKE OF HIS WIFE, A  
FORMER MODEL AT GIMBELS STORE, PRESUMABLY PHILA, AND HIS TWIN CHILDREN,  
ESSIE AND DAVID. ALSO CLAIMED HIS BROTHER, A PARATROOPER, HAD BEEN

Classified by 2355 *WAB/Don*  
Exempt from GDS Category *24.5*  
Date of Declassification Indefinite

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KILLED IN THE PACIFIC. LATER WHEN FILLING OUT A WITHHOLDING TAX FORM FOR GOLD, MOSKOWITZ REQUESTED INFO RE HIS DEPENDENTS. GOLD REPLIED HE HAD NONE. WHEN MOSKOWITZ ASKED WHY SHE SHOULD NOT PUT HIS WIFE AND CHILDREN AS DEPENDENTS, GOLD BECAME "HYSTERICAL" AND INSISTED SHE FORGET HIS FAMILY. ALSO, MOSKOWITZ RELATED SHE LATER ATTENDED FUNERAL OF GOLD-S MOTHER IN PHILA, WHERE SHE MET GOLD-S BROTHER WHO SUPPOSEDLY HAD BEEN KILLED. GOLD-S ALLEGED WIFE AND CHILDREN NOT PRESENT AT FUNERAL AND MOSKOWITZ FEELS CERTAIN THEY ARE NON-EXISTENT. SHE WAS UNABLE TO FURNISH ANY INFO ABOUT GOLD-S RESEARCH WORK OTHER THAN WORK DONE FOR FIRM. DURING LATTER PART OF EMPLOYMENT GOLD WAS "FRANTIC FOR CASH" TO REPAY A LOAN TO AN UNKNOWN BANK, BUT MOSKOWITZ UNABLE TO GIVE ANY OTHER DETAILS OF THIS.

SCHEIDT

HOLD

*CC: McLaughlin*

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FEDERAL BUREAU OF INVESTIGATION  
U. S. DEPARTMENT OF JUSTICE  
COMMUNICATIONS SECTION

10/1950

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ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED EXCEPT  
WHERE SHOWN OTHERWISE.

TELETYPE

CONE WASH AND WASH FLD 3 PHILA 1 FROM NEW YORK 16 -4-21

DIRECTOR AND SACS URGENT

Classified by 3042 PWT/IMW  
Declassify on: OADR 11/6/86

Mr. Tolson \_\_\_\_\_  
Mr. Ladd \_\_\_\_\_  
Mr. Clegg \_\_\_\_\_  
Mr. Glavin \_\_\_\_\_  
Mr. Nichols \_\_\_\_\_  
Mr. Rosen \_\_\_\_\_  
Mr. Tracy \_\_\_\_\_  
Mr. Harbo \_\_\_\_\_  
Mr. Belmont \_\_\_\_\_  
Mr. Mohr \_\_\_\_\_  
Tele. Room \_\_\_\_\_  
Mr. Nease \_\_\_\_\_  
Miss Gandy \_\_\_\_\_

ABRAHAM BROTHMAN, WA, [REDACTED] ESP R [REDACTED] RE INTERVIEW HARRY GOLD, PHILA,  
NIGHT OF MAY FIFTEEN INST. [REDACTED]

HIM GOLD STATES IN INTERVIEW HE CALLED BROTHMAN ON PHONE FROM PHILA,  
TO NY AT CHEMURGY DESIGN IN OCTOBER FORTYFOUR AND LEARNED BROTHMAN  
WAS NO LONGER EMPLOYED THERE. GOLD THEN CALLED BROTHMAN AT HIS HOME  
IN NY. GOLD STATED IN A MATTER OF FEW DAYS HE WENT TO NY, MET BROTHMAN  
AND THE TWO HAD DINNER IN RESTAURANT IN NY NEAR THIRTY SECOND ST AND  
FOURTH AVE. GOLD STATED AFTER DINNER HE AND BROTHMAN TOOK A LONG WALK  
AND TALKED FOR FEW HOURS DURING WHICH TIME BROTHMAN TOLD HIM HE HAD  
LEFT CHEMURGY DESIGN BECAUSE GOLWYN AND WEBER HAD CHEATED HIM AND AT  
TEMPTED TO OBTAIN FROM HIM THE RIGHTS ON THE AEROSOL BOMB PROCESS  
WHICH BROTHMAN HAD INVENTED. BROTHMAN ALSO ADVISED GOLD HE HAD BEEN  
DOING SOME ORK ON THE AEROSOL BOMB, MATTER WITH THEODORE HEILIG  
AND GOLD STATED BROTHMAN ADVISED HIM HEILIG HAD ALSO CHEATED HIM IN  
THIS MATTER. GOLD STATED RELATIVE TO BROTHMAN-S DEALINGS ON THE

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58 MAY 31 1950

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Exempt from GDS, Category 243  
Date of Declassification Indefinite

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AEROSOL BOMB, HE HAD BEEN CHEATED BY WEBER AND GOLWYN AT CHEMURGY AND BY HEILIG AND WEBER AT REGAL CHEMICAL CO. GOLD ALSO STATED BROTHMAN HAD ACTUALLY BEEN DISCHARGED BY GOLWYN FROM CHEMURGY AS A RESULT OF THE DIFFERENCES ON AEROSOL BOMB MATTER. GOLD STATED BROTHMAN, TO HIS KNOWLEDGE, NEVER WAS INTERESTED IN THE ~~BUNA FIVE PROCESS~~ BUT THAT BROTHMAN HAD TOLD HIM HE HAD WORKED FOR THE RUBBER RESERVE COMMISSION. GOLD STATED IN INTERVIEW WHEN BROTHMAN BROKE WITH CHEMURGY HE CONTINUED HIS WORK ON ~~AEROSOL BOMB MATTER~~ WITH THEODORE HEILIG OF REGAL CHEMICAL CO. OF BROOKLYN, NY. GOLD STATED HE DID NOT KNOW WHETHER THIS AEROSOL MATTER WAS EVER FINISHED BUT THAT BROTHMAN LOST INTEREST IN THE MATTER SHORTLY AFTER HE FORMED THE NEW COMPANY. BUREAU INFT SAID THAT AT THE THEN PRESENT TIME BROTHMAN HAD SET UP HIS LABORATORY AT ONE ONE FOUR EAST THREE TWO ST WITH HELP OF THE GRAVER TANK CO. AND BRIDGEPORT BRASS CO. AND INTENDED TO FINISH WORK ON THE AEROSOL AND DDT WITHIN TWO OR THREE WEEKS. GOLD ADVISED BROTHMAN LEFT CHEMURGY IN AUGUST FORTYFOUR AND FORMED A NEW COMPANY. GOLD SAID JUST PRIOR TO TIME BROTHMAN LEFT CHEMURGY HE, GOLD, WENT TO NY AND VISITED BROTHMAN AT WHICH TIME HE FOUND OUT BROTHMAN HAD SET UP A VERY SMALL LAB WHILE STILL WORKING AT CHEMURGY. GOLD SAID THIS LAB WAS LOCATED IN SAME PLACE WHERE HEADQUARTERS OF THE NEW LAB LATER WERE SET UP. GOLD SAID HE WAS IN THIS SMALL LAB AND BROTHMAN HAD ONE COLORED CHEMIST WORKING THERE BY NAME OF ~~GIBBS~~. GOLD SAID THIS

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SMALL LAB WAS OPENED BY BROTHMAN ABOUT MAY OR JUNE FORTYFOUR. RE  
FORMATION OF ABRAHAM BROTHMAN ASSOCIATES, GOLD STATED BROTHMAN WAS  
THE ONLY ONE OF THE PARTNERS WHO WAS ABLE TO SUPPLY ANY REASONABLE  
AMOUNT OF CAPITAL. GOLD STATED BROTHMAN-S CAPITAL FOR THE LAB CAME  
PRINCIPALLY FROM BRIDGEPORT BRASS CO. AND GRAVER TANK CO. GOLD SAID  
IT WAS ALSO HIS UNDERSTANDING BROTHMAN HAD SOME OTHER MONEY WHICH HE  
HAD GAINED FROM ROYALTIES AND INVESTED THIS MONEY IN THE LAB. GOLD  
SAID THAT THE OTHER PARTNERS, ~~WAGO~~, ~~BARISH~~, ~~KORCHIEN~~ AND ~~WOLLAN~~  
SUPPLIED APPROX ONE HUNDRED DOLLARS EACH AND IMMED WITHDREW THIS AMOUNT  
IN SALARIES. NOTED THAT INFT SAID A REFERENCE HAD BEEN MADE TO SUM  
OF ONE HUNDRED DOLLARS PER MONTH BUT INFT COULD NOT CLARIFY WHAT THIS  
AMOUNT REFERRED TO. GOLD SAID BROTHMAN HAD ALSO BEEN WORKING ON A PRO-  
CESS FOR PRODUCING DDT WHILE WORKING WITH HEILIG OR CHEMURGY AND WAS  
ENTHUSIASTIC ABOUT THE PROCESS ALTHO GOLD SAID IT WAS NOT SALABLE AND  
WAS ACCORDINGLY ABANDONED. GOLD APPEARED TO HAVE FACTS OF FORMATION  
OF THIS NEW COMPANY WELL IN MIND AND NEEDED HIS RECOLLECTION REFRESHED  
ONLY SLIGHTLY IN REMEMBERING NAMES OF INDIVIDUALS, DATES AND COMPANIES

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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61

[REDACTED]

(S) GOLD

ADVISED THAT IN THIRTYSIX OR THIRTYSEVEN HE BECAME INTERESTED IN THE PROCESS OF THERMAL DIFFUSION AND BEGAN A DETAILED STUDY OF IT. HE SAID HE HAD BECOME INTERESTED IN IT FROM A STANDPOINT OF RECOVERING VALUABLE CHEMICALS DISCHARGED BY INDUSTRIAL PLANT FLUES THRU THE PROCESS OF THERMAL DIFFUSION OF GASES. HE ADVISED HE TALKED THIS OVER WITH DR. GUSTAV T. REICH, CHIEF CHEMIST AND GOLD-S SUPERIOR AT THE PENNSYLVANIA SUGAR REFINING CO, PHILA. GOLD ADVISED HIS MAIN PURPOSE OF RESEARCH WAS TO PUT THE PROCESS IN A CONDITION SO THAT HE COULD APPROACH SOMEONE TO APPLY THE PROCESS TO ACTUAL PRODUCTION. GOLD SAID IN FORTYSIX WHEN HE BECAME EMPLOYED BY BROTHMAN HE BROUGHT ALONG WITH HIM A BROCHURE ON THE PROCESS OF THERMAL DIFFUSION WHICH WAS ABOUT TEN TYPED PAGES. HE COULD NOT RECALL THE EXACT TITLE HE GAVE THIS BROCHURE BUT THOUGHT IT TO BE SOMETHING LIKE "THERMAL DIFFUSION PROSPECTUS." GOLD SAID HE TRIED TO INTEREST BROTHMAN IN THIS PROCESS BUT THAT LATTER APPARENTLY NEVER BECAME INTERESTED IN IT. GOLD SAID THE REASON BROTHMAN DID NOT WAS PROBABLY BECAUSE IT WAS NOT BROTHMAN-S IDEA. GOLD SAID THIS BROCHURE WAS NOT WRITTEN IN STRICT CHEMICAL LANGUAGE BUT WAS WRITTEN IN SUCH A WAY THAT IT COULD BE PRESENTED TO A PLANT MANAGER OR MANUFACTURER AND WOULD PRESENT THE PRACTICAL ASPECTS OF SUCH A PROCESS WHEN APPLIED TO PRODUCTION. GOLD ALSO STATED HE PRESENTED THIS BROCHURE ON THERMAL DIFFUSION

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PROCESS TO ONE JOHN MC CABE, AN ENGINEER AT PUBLICER ALCOHOL INDUSTRIES, PHILA., BUT THAT NOTHING EVER CAME OF IT. DURING INTERVIEW GOLD ADVISED IT HAS ALWAYS BEEN HIS DESIRE TO SET UP AN INDEPENDENT LAB BUT HE HAD NOT BEEN ABLE TO DO SO BECAUSE HE NEVER HAD THE MONEY. HE SAID HE HAD PRELIMINARY DISCUSSION WITH BROTHMAN RE SETTING UP AN INDEPENDENT PARTNERSHIP HOWEVER HE WAS VERY VAGUE ABOUT THIS AND COULD GIVE NO DETAILS WHATEVER. HE SAID THERE WAS NEVER ANY PROLONGED DISCUSSION ALONG THESE LINES BUT THAT HE DID RECALL SPECIFICALLY THAT BROTHMAN AT ONE TIME WANTED TO COLLABORATE WITH GOLD IN WRITING A BOOK ON PROCESSES AND THAT GOLD WOULD FURNISH THE CHEMICAL BACKGROUND FOR THE BOOK. GOLD STATED HE CONTINUED TO SEE BROTHMAN FROM LATTER PART OF FORTY OR EARLY PART OF FORTYONE UP UNTIL JUNE TWO, FORTYEIGHT WHEN HE QUIT WORKING FOR BROTHMAN IN NY. HE HAS NOT SEEN BROTHMAN SINCE. GOLD ADVISED WHEN MAKING THESE TRIPS AND GOING OUT WITH BROTHMAN HE ASKED LATTER TO INTRODUCE HIM UNDER NAME OF FRANK KESSLER. BUREAU WILL NOTE NAME IS SPELLED KESSLER AND NOT ~~KEPPLER~~ AS DESCRIBED BY WEBER. GOLD SAID HE WENT UNDER THIS NAME WHEN DEALING WITH BROTHMAN INASMUCH AS GOLD-S SUPERIOR, REICH, WAS WELL KNOWN IN CHEMICAL CIRCLES AS WAS BROTHMAN AND SINCE GOLD WAS OBLIGATED TO TURN OVER TO PENNSYLVANIA SUGAR ANY PROCESSES HE THOUGHT OF, HE DID NOT WANT REICH TO KNOW OR EVER FIND OUT HE, GOLD, WAS CONFERRING WITH ANOTHER INDUSTRIAL CHEMIST. GOLD ALSO SAID HE WAS CONDUCTING EXPERIMENTS AT THE REQUEST OF BROTHMAN IN THE LAB OF THE PENN SUGAR CO. WHICH WAS AN UNETHICAL PRACTICE ACCORDING TO HIM. RE PERIOD COVERED BY INFT IN THIS CASE, GOLD STATED THAT UPON SEEING BROTHMAN IN NY IN OCTOBER

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FORTYFOUR, HE THEN CONTINUED TO COME TO NY AT FAIRLY REGULAR INTERVALS UP TO THE TIME HE FINALLY BECAME EMPLOYED BY BROTHMAN IN FORTYSIX. HE SAID A GOOD DEAL OF THESE TRIPS WERE MADE ON EITHER SUNDAYS OR EVENINGS DURING THE WEEK. HE STATED THAT ON ONLY ONE OCCASION CAN HE RECALL HE WENT TO BROTHMAN-S OFFICE. GOLD ADVISED FOR ABOUT EIGHT OR TEN MONTHS PRIOR TO JUNE FORTYEIGHT, BROTHMAN HAD BEEN UNABLE TO PAY ANY OF HISHELP AND THAT ALL WORKED FOR NOTHING. IN MAY FORTYEIGHT, BROTHMAN TOGETHER WITH HIS SECRETARY, MIRIAM MOSKOWITZ, WENT TO SWITZERLAND. WHILE BROTHMAN WAS THERE, GOLD, VAGO, PHILIP LEVINE AND WILLIAM ROWALL FOUND OUT BROTHMAN CONTEMPLATED SELLING THE COMPANY. GOLD SAID HE AND THE OTHERS HAD BEEN LED TO BELIEVE BY BROTHMAN THEY WERE PARTNERS IN THE COMPANY AND WOULD SHARE IN ANY INCOME. UPON BROTHMAN-S RETURN THE EMPLOYEES CONFRONTED HIM WITH IT AND THEN ALL LEFT THE COMPANY. GOLD IS PRESENTLY DOING CHEMICAL RESEARCH WITH REGARD TO SERIOUS CARDIAC CASES AT PHILA. GENERAL HOSPITAL. HIS HOURS ARE VERY LONG AND HIS JOB REQUIRES CONSTANT ATTENTION DUE TO SERIOUS CONDITION OF PATIENTS. IMPOSSIBLE TO CONTINUE INTERVIEW AS HE HAD TO RETURN TO HOSPITAL LAST NIGHT AND WILL BE UNAVAILABLE FOR AN INTERVIEW OF ANY LENGTH UNTIL FRIDAY NIGHT AT WHICH TIME INTERVIEW WILL BE CONTINUED BY NY AGENTS. IT WAS NOT BELIEVED ADVISABLE AT THIS INITIAL STAGE OF INTERVIEW TO CONFRONT GOLD SPECIFICALLY WITH REGARD <sup>EMIL</sup> TO FUCHS ALTHO HE WAS SHOWN FUCHS PICTURE TOGETHER WITH ELIZABETH BENTLEY, JACOB GOLOS AND SEVEN OR EIGHT PICTURES OF RUSSIAN NATIONALS OF NO INVESTIGATIVE SIGNIFICANCE. RE GOLOS PICTURE, GOLD READILY IDENTIFIED HIM AS THE MAN WHO INTRODUCED HIM TO BROTHMAN.

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WHEN SHOWN ELIZABETH BENTLEY-S PICTURE HE STUDIED IT AND SAID HE HAD NEVER MET THIS WOMAN BUT BELIEVED HER TO BE ELIZABETH BENTLEY. WHEN SHOWN FUCHS PICTURE HE STUDIED IT FOR SOMETIME AND SAID "THAT IS A VERY UNUSUAL PICTURE, THAT IS THAT ENGLISH SPY." HE WAS SHOWN PICTURE OF JOSEPH ARNOLD ~~X~~ ROBBINS AND IT WAS NOTED HE STUDIED IT FOR QUITE SOMETIME. HE SAID HE HAD NEVER SEEN THIS MAN. ~~X~~ IT SHOULD BE NOTED THAT OBSERVATIONS OF AGENTS ARE THAT THERE IS DEFINITE SIMILARITY BETWEEN FACIAL APPEARANCE OF JOSEPH ~~X~~ ROBBINS AND HARRY GOLD PLUS FACT THAT GOLD WALKS WITH THE SAME DEFINITE STOOP IN THE SHOULDERS. 61 THE POSSIBILITY DEFINITELY EXISTS FROM ABOVE THAT GOLD AND ~~[REDACTED]~~ (TS) ARE IDENTICAL. PHILA. REQUESTED TO EXPEDITE FORWARDING OF PHOTOS AND MOTION PICTURES OF GOLD TO BUREAU AND BOSTON FOR EXHIBITION TO ~~X~~ HEINEMANS AND FUCHS. RECOMMEND DETAILED BACKGROUND INVESTIGATION OF GOLD BE HELD IN ABEYANCE PENDING RESULTS OF FURTHER INTERVIEWS INASMUCH AS HE APPEARS TO BE AT LEAST PARTIALLY COOPERATIVE AND IT IS FELT FURTHER INFO CAN BE ELICITED FROM HIM RE ALL OF HIS ACTIVITIES AND BACKGROUND DURING PERTINENT PERIOD. GOLD ATTENDED ST. JOSEPH-S COLLEGE, PHILA, NIGHT SCHOOL IN FORTYFOUR AND TOOK COURSES IN DISTILLATION, FERMENTATION AND GLASS BLOWING. PHILA. SHOULD IMMEDIATELY CHECK ST. JOSEPH-S RECORDS TO DETERMINE COMPLETE ATTENDANCE RECORDS SHOWING ANY ABSENCES FROM CLASS. PHILA. REQUESTED TO DETERMINE TELEPHONE NUMBER OF GOLD-S PARENTS HOME IN FORTYFOUR AND FORTYFIVE AND WHETHER PHONE COMPANY STILL HAS RECORD OF TOLL CALLS MADE FROM THAT PHONE DURING THOSE YEARS AND OBTAIN SAME. AT THIS POINT GOLD APPEARS TO BE OF OPINION THE BUREAU-S PRIMARY INTEREST IS IN BROTHMAN AND POSSIBLY

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FUCHS. AT THIS STAGE NY OF OPINION GOLD SHOULD CONTINUE TO THINK THIS WAY AND NOT THAT THE INVESTIGATION IS PRIMARILY DIRECTED TOWARD HIM. ACCORDINGLY, ANY CONSTANT PHYSICAL SURVEILLANCE COVERAGE APPEARS TO BE UNDESIRABLE UNLESS SAME CAN BE CONDUCTED WITH ABSOLUTE DISCRETION. PHILA. REQUESTED TO CONSIDER THIS MATTER AND RECOMMEND COVERAGE THAT CAN BE GIVEN TO GOLD IN ORDER TO ENABLE BUREAU TO RE-MAIN CURRENTLY POSTED AS TO HIS WHEREABOUTS.

SCHEIDT

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8 Dec 50 J. Belmont

FEDERAL BUREAU OF INVESTIGATION  
U. S. DEPARTMENT OF JUSTICE  
COMMUNICATIONS SECTION

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TELETYPE

Classified by 3042

Declassify on: OADR

11/24/86

Mr. Tolson \_\_\_\_\_  
Mr. Ladd \_\_\_\_\_  
Mr. Clegg \_\_\_\_\_  
Mr. Glavin \_\_\_\_\_  
Mr. Nichols \_\_\_\_\_  
Mr. Rosen \_\_\_\_\_  
Mr. Tracy \_\_\_\_\_  
Mr. Harbo \_\_\_\_\_  
Mr. Belmont \_\_\_\_\_  
Mr. Mohr \_\_\_\_\_  
Tele. Room \_\_\_\_\_  
Mr. Nease \_\_\_\_\_  
Miss Gandy \_\_\_\_\_

11/23/85  
2352 WMB/ovm  
Exempt from GDS, Category 2 & 3  
Date of Declassification Indefinite

WASHINGTON FROM NEW YORK 47 16

11-25P

DIRECTOR

. . . U R G E N T . . .

ABRAHAM BROTHMAN, WA. ~~REDACTED~~ ESP - R. RE INTERVIEW OF EMIL ZOLA

BARISH NIGHT OF MAY FIFTEENTH LAST AT NYO. BARISH FURNISHED PERSONAL BACKGROUND INFO SUBSTANTIALLY AS PREVIOUSLY REPORTED. BARISH FIRST MET BROTHMAN AT NYC IN NINETEEN FORTY ONE AT "SOCIAL GATHERING" WHICH HE DECLINED TO FURTHER IDENTIFY. AT THIS TIME, HE KNEW OF BROTHMAN AS A PROMINENT ENGINEER WHO HAD WRITTEN IN PROFESSIONAL MAGAZINES. HE ALSO KNEW BROTHMAN WAS RESPECTED IN THE FIELD OF CHEMICAL ENGINEERING AND FOUND HIM TO BE AN INTERESTING SOCIAL CONTACT. THEIR MUTUAL INTERESTS LED TO FRIENDSHIP. AT TIME OF HIS INTRODUCTION TO BROTHMAN IN NINETEEN FORTYONE, BARISH WAS EMPLOYED BY THE M.W. KELLOGG CO., NYC, AND BROTHMAN WAS CHIEF ENGINEER AT HENDRICK MFG. CO. WHEN BROTHMAN WENT WITH CHEMURGY DESIGN CO. IN NINETEEN FORTYTWO, HE WAS INSTRUMENTAL IN EMPLOYMENT OF BARISH AS A MECHANICAL ENGINEER BY CHEMURGY. AT CHEMURGY, BARISH WAS EMPLOYED WITH BROTHMAN, ARTHUR P. WEBER, BOB TOWNSEND, OSCAR VAGO, JULES KORCHIEN, AND A WOMAN KNOWN ONLY AS RUTH, WHOSE LAST NAME HE COULD NOT RECALL. HOWEVER, VAGO AND KORCHIEN WERE ON CONSULTANT BASIS ONLY.

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HENRY GOLWYN WAS PRES. OF CHEMURGY AND CHEMURGY ACTUALLY WORKED OUT OF GOLWYN-S CHEMICAL BROKERAGE OFFICE IN THE GRAYBAR BUILDING, NYC. ACCORDING TO BARISH, BROTHMAN SEPARATED FROM CHEMURGY IN THE SUMMER OF NINETEEN FORTY FOUR, EXACT DATE NOT RECALLED. CHEMURGY HAD BEEN WORKING ON PLANS FOR CONSTRUCTION OF A PLANT FOR RUFERT CHEMICAL CO. IN WHICH COMPANY GOLWYN HAD SOME FINANCIAL INTEREST. ACCORDING TO BARISH, DUE TO INEFFICIENCY OF RUFERT-S CHEMICAL ENGINEERS IN SUPPLYING THE NECESSARY INFO AND IN VIEW OF THE FINANCIAL INTEREST IN RUFERT PRESSING FOR COMPLETION OF PLANT, GOLWYN AND BROTHMAN HAD VIOLENT DISAGREEMENT, RESULTING IN BROTHMAN-S SEPARATION. WHILE STILL EMPLOYED AT CHEMURGY, BROTHMAN HAD PERSONAL CONSULTANT CONTRACT WITH GRAVER TANK CO., EAST CHICAGO, ILL., AND HAD SET UP A SMALL LABORATORY ON EAST THIRTY SECOND ST., NYC. ALSO WHILE WITH CHEMURGY, BROTHMAN HAD SEPARATE PERSONAL AGREEMENT WITH THEODORE HEILIG FROM WHICH BROTHMAN RECEIVED ONE HUNDRED OR ONE HUNDRED AND FIFTY DOLLARS PER WEEK, WHICH HE HAD BEEN RECEIVING FOR ABOUT ONE AND ONE HALF YEARS. AT THIS TIME, BARISH ALSO WAS RECEIVING FIFTY DOLLARS PER WEEK FROM HEILIG AS A CONSULTANT. SEVERAL WEEKS AFTER BROTHMAN LEFT CHEMURGY, BARISH, WHO ALSO WAS DISSATISFIED AT CHEMURGY, SEPARATED AND JOINED A. BROTHMAN AND ASSOCIATES. ACCORDING

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TO BARISH, THIS ORGANIZATION WAS FORMED BECAUSE BROTHMAN HAD THE ABOVE GRAVER CONTRACT AND ALSO A CONTRACT WITH BRIDGEPORT BRASS CO. HE COULD NOT RECALL ANY OTHER BUSINESS CONNECTIONS. HOWEVER, BARISH FELT THAT ADDITIONAL BUSINESS WOULD BE OBTAINED THROUGH BROTHMAN-S CONTACT IN THE TRADE AND THEREFORE BARISH DESIRED TO ASSOCIATE HIMSELF WITH BROTHMAN AS IN BARISH-S OPINION, BROTHMAN WAS A "NEAR GENIUS". THE OTHER ASSOCIATES WERE WOLLAN, WHO HAD COME FROM HEILIG-S CO. AND WAS FRIENDLY WITH BROTHMAN, <sup>OSCAR J.</sup> VAGO WHO WAS PROBABLY UNEMPLOYED AT THE TIME, KORCHIEN AN INDEPENDENT ARCHITECT. KORCHIEN WAS NOT TO DRAW ANY MONEY FROM THE PARTNERSHIP AND BARISH BELIEVES KORCHIEN MAY HAVE LOANED FUNDS TO BROTHMAN FOR THE ORGANIZATION. BARISH HAD NO FURTHER INFO CONCERNING THIS ALLEGED LOAN. IN ADDITION TO BROTHMAN-S AGREEMENTS WITH BRIDGEPORT, GRAVER AND POSSIBLY WITH HEILIG, IF LATTER STILL IN EFFECT AT THAT TIME, BARISH DID NOT KNOW OF ANY OTHER LOANS OR FINANCIAL ASSISTANCE. FROM BROTHMAN ASSOCIATES, WOLLAN DREW SEVENTY FIVE OR EIGHTY DOLLARS PER WEEK, BARISH DREW NINETY DOLLARS PER WEEK, VAGO DREW ONE HUNDRED DOLLARS PER WEEK AND BROTHMAN ONE HUNDRED AND TWENTY FIVE DOLLARS PER WEEK. MIRIAM MOSKOWITZ STARTED AS A SECRETARY OR STENOGRAPHER DURING THE EARLY MONTHS OF THIS ORGANIZATION. BARISH BELIEVED

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SHE WAS INTRODUCED TO BROTHMAN THROUGH HER FRIENDSHIP WITH VAGO. BARISH SEVERED HIS CONNECTION WITH BROTHMAN ASSOCIATES, ABOUT DECEMBER NINETEEN FORTY FOUR, AT WHICH TIME HE WAS OWED FOUR HUNDRED AND FIFTY DOLLARS IN BACK WAGES. THIS SEPARATION WAS THROUGH MUTUAL AGREEMENT AND ON FRIENDLY BASIS AS ORGANIZATION COULD NOT SUPPORT ALL THE PARTNERS. NO ADDITIONAL BUSINESS OR FINANCIAL ASSISTANCE HAD BEEN OBTAINED AT THE DATE OF SEPARATION. BARISH SAID ONLY CONTACTS OF BROTHMAN WHOM HE KNEW DURING ABOVE PERIOD WERE TED OLIVE, EDITOR OF "CHEMICAL ENGINEERING", PROFESSOR KOOPMAN, PROFESSOR OF MATHEMATICS AT COLUMBIA UNIVERSITY, ONE MALGREN OF GRAVER TANK CO., AND ONE REYNOLDS OF BRIDGEPORT BRASS CO. BARISH DID NOT RECOGNIZE THE NAME ~~FRANK KEPPLER~~. ONLY OTHER CONTACTS WERE NEIGHBORS OF BROTHMAN WHOM BROTHMAN KNEW ON A SOCIAL BASIS AND WHOSE NAMES BARISH DOES NOT RECALL. HE DID NOT KNOW ANY CONNECTIONS OF BROTHMAN WITH AMTORG TRADING CORPORATION. BARISH SAID ONLY TRIPS MADE BY BROTHMAN DURING ABOVE PERIOD WERE TO BRIDGPORT, CONN. AND TO EAST CHICAGO, ILLINOIS ON ABOVE BUSINESS. NONE OF OTHER MEMBERS OF ORGANIZATION TRAVELLED EXCEPT ONE TRIP BY BARISH TO THE DEPT. OF AGRICULTURE, WASHINGTON, RE DDT. BARISH SAID THAT WHILE HE WAS WITH CHEMURGY, ~~GOLWYN~~ HAD CONTRACT WITH ~~BRITISH~~ <sup>PURCHASING COMMISSION</sup> OR ~~AUSTRALIAN~~ PURCHASING COMMISSION CONCERNING MANUFACTURE OF MAGNESIUM BOMBS, BUT THIS WAS PERSONAL DEAL OF GOLWYN-S, NOT CONNECTED WITH CHEMURGY.

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BARISH NEVER MET ANY INDIVIDUALS CONNECTED WITH THIS DEAL. SUBSEQUENT TO BARISH-S SEPARATION FROM BROTHMAN ASSOCIATES, THE ORGANIZATION SECURED THE "CHINESE CONTRACT" AND ALSO MADE A REPORT FOR A SOUTH AMERICAN ORGANIZATION TO BE USED FOR THE RECLAIMING OF FISH WASTE. BARISH HAD NO FURTHER INFO RE DETAILS OF THIS DEAL. BARISH DID NOT KNOW ANY DETAILS RE SETTING UP OF BROTHMAN LABORATORY IN ELMHURST, NYC, AS SAME OCCURRED AFTER HIS SEVERANCE FROM THE ORGANIZATION. HE SAID ORGANIZATION ALSO EMPLOYED BOB TOWNSEND, PREVIOUSLY MENTIONED, ONE SAUL FANSCHER, AND HARRY GOLD. BARISH MET GOLD FIRST IN NINETEEN FORTY SIX OR FORTY SEVEN WHEN GOLD EMPLOYED BY BROTHMAN. HE SAID THE ORGANIZATION HAD OTHER EMPLOYEES FOR BRIEF PERIODS WHOM HE DOES NOT NOW RECALL. BARISH DESCRIBED GOLD AS A FRIEND OF BROTHMAN. HE SAID THAT A. BROTHMAN AND ASSOCIATES HAD BANK ACCOUNT IN A BANK AT THE NORTH-EAST CORNER OF EAST THIRTY SECOND ST. AND PARK AVENUE, NYC, WHERE BARISH ALSO HAD PERSONAL ACCOUNT. BARISH MENTIONED AN ACCOUNTANT WHOSE NAME HE CANNOT RECALL, BUT WHOM HE DESCRIBED AS A LITTLE GRAY HAired MAN WHO DREW UP THE TAX RETURNS OF A. BROTHMAN AND ALSO THOSE OF BARISH. BARISH FILED STATE AND FEDERAL RETURNS IN NYC. HE KNEW OF NO CONTACT OF BROTHMAN WHO WAS INTERESTED IN ESTABLISHING HIS OWN LABORATORY. PHOTOS OF ~~ROBBINS~~, ~~GOLD~~, ~~BENTLEY~~, ~~GOLOS~~ AND ~~IVERIANOVICH~~, AND MAIOROV OF

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END PAGE FIVE

JOSEPH ARNOLD

HARRY GOLD

ELIZABETH

JACOB



AND STATEMENT GIVEN

02' 19 22 11 21 YAM

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~~TOP SECRET~~

PAGE SIX

AMTORG WERE EXHIBITED TO BARISH. HE DID NOT RECOGNIZE ANY OF THEM, BUT SAID THE ~~MAIOROV~~ PHOTO RESEMBLED ~~GUS WOLLAN-S~~ BROTHER, WHO WAS EMPLOYED AT THE ELMHURST LAB. HE SAID THAT THE PHOTO OF GOLD RESEMBLED HARRY GOLD, BUT THAT HE BELIEVED GOLD WAS SHORTER THAN FIVE FEET SIX INCHES AS SHOWN IN THE PHOTO. BARISH ADVISED BROTHMAN HAD TOLD HIM THAT ABOUT TWO YEARS AGO, BROTHMAN HAD BEEN INTERVIEWED BY BUREAU AGENTS AND QUESTIONED BEFORE A GRAND JURY. ACCORDING TO BARISH, BROTHMAN SAID THIS AROSE OUT OF ACCUSATIONS BY ELIZABETH BENTLEY. HE SAID HE FELT THERE WAS NO BASIS FOR THE ACCUSATIONS. BARISH DESCRIBED BROTHMAN AS A "RADICAL" AND WHEN ASKED TO EXPLAIN, HE SAID HE THOUGHT BROTHMAN WAS A "LEFT WINGER". HE DECLINED TO FURTHER ELABORATE ON HIS INTENDED MEANING OF THESE TERMS. ARRANGEMENTS WERE MADE TO QUESTION BARISH FURTHER, BUT SUCH INTERVIEW WILL BE DEFERRED UNTIL INFO FROM OTHER INTERVIEWS IS CORRELATED AND FURTHER INTERVIEW IS DESIRABLE. PHYSICAL SURVEILLANCE OF BARISH SUBSEQUENT TO INTERVIEW REVEALED NOTHING OF SIGNIFICANCE.

SCHEIDT

HOLD PLS

*cc: [signature]*

~~TOP SECRET~~

~~SECRET~~

May 12, 1950

URGENT

SAC, PHILADELPHIA  
NEW YORK

ABRAHAM BROTHMAN, WAS., ESPIONAGE - R. RE PHILADELPHIA TELETYPE MAY ELEVENTH.

PHILADELPHIA OBTAIN ADDITIONAL PHOTO OF RABBY WHOSE NAME NOT CIVIL SERVICE  
RECORDS ON SURVEILLANCE. SUBMIT FOUR COPIES BUREAU AND TWO COPIES BOSTON,  
ATLANTA AND NEW YORK EARLIEST POSSIBLE MOMENT.

SCOVER

cc - Boston (By Mail)  
Atlanta (By Mail)

BJV/MP

Bu. File #100-365040  
cc: 65-58805

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100-365040-21  
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U.S. DEPT. OF JUSTICE

FEDERAL BUREAU OF INVESTIGATION  
U. S. DEPARTMENT OF JUSTICE  
COMMUNICATIONS SECTION

MAY 12 1950

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FEDERAL BUREAU OF INVESTIGATION  
U. S. DEPARTMENT OF JUSTICE  
COMMUNICATIONS SECTION

MAY 17 1950

TELETYPE SECRET

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WHERE SHOWN OTHERWISE  
WASHINGTON 80 FROM NEW YORK

TOP SECRET  
17 - 5-45 P

DIRECTOR URGENT

Mr. Tolson	_____
Mr. Ladd	_____
Mr. Clegg	_____
Mr. Glavin	_____
Mr. Nichols	_____
Mr. Rosen	_____
Mr. Tracy	_____
Mr. Harbo	_____
Mr. Belmont	_____
Mr. Mohr	_____
Tele. Room	_____
Mr. Nease	_____
Miss Gandy	_____

ABRAHAM BROTHMAN [REDACTED] ESP-R. RMYTEL MAY SIXTEEN LAST. BROTHMAN

UNABLE TO RETURN NYC FROM ULSTER PLANT, CLIFFWOOD, NEW JERSEY TODAY.

THEREFORE, HIS FILES AND RECORDS NOT REVIEWED. BROTHMAN EXPECTED TO  
RETURN NY ON MORNING OF MAY EIGHTEEN, AT WHICH TIME ARRANGEMENTS WILL  
BE MADE TO EXAMINE HIS FILES MAY EIGHTEEN, IN HIS PRESENCE, AS HE HAS  
REQUESTED.

SCHEIDT

HLD PLS

APPROPRIATE AGENCIES  
AND FIELD OFFICES  
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SLIP (S) OF CLASSIFICATION  
DATE 11/17/79

Classified by 2355 WAB/DW  
Exempt from GDS, Category 293  
Date of Declassification Indefinite

Classified by  
Exempt from GDS, Category  
Date of Declassification Indefinite

Classified by 3042 PWT  
Declassify on: OADR  
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RECORDED - 52

MAY 19 1950

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DATE 4-7-79

Classification

UNRECORDED COPY FILED IN 65-57479

cc: Mr. Laphere



## Office Memorandum • UNITED STATES GOVERNMENT

TO : Director, FBI

DATE: May 17, 1950

SAC, Albany

SUBJECT: ABRAHAM BROTHMAN, wa.  
ESPIONAGE - R  
(Bureau File 100-365040)

Rebulet to Baltimore dated 4/28/50.

A request has been made of EDWARD J. MALLIN, Division of Placement and Unemployment Insurance, New York State Department of Labor, for all available information on the ABRAHAM BROTHMAN and Associates Laboratory. He advised that he would furnish copies of the Quarterly Payroll Reports of the above company for as far back as these reports are available. This will possibly be from January 1, 1947.

It is noted that Albany has been requested to contact the New York State Tax Commission on instant case. It is called to your attention that the New York Office has requested that leads to contact the Tax Commission be routed to that office.

In view of this, it is expected that New York will handle that part of the investigation.

65-1640  
cc: New York (100-15136)  
New York (100-15185)  
EJL:hmm

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DATE 4/27/87 BY 3042 WJ/dm

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MAY 19 1950

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FOIPA DELETED PAGE INFORMATION SHEET

\_\_\_\_\_ Page(s) withheld entirely at this location in the file. One or more of the following statements, where indicated, explain this deletion.

- ☐ Deleted under exemption(s) \_\_\_\_\_ with no segregable material available for release to you.
- ☐ Information pertained only to a third party with no reference to you or the subject of your request.
- ☐ Information pertained only to a third party. Your name is listed in the title only.
- ☐ Documents originated with another Government agency(ies). These documents were referred to that agency(ies) for review and direct response to you.

\_\_\_\_\_ Pages contain information furnished by another Government agency(ies). You will be advised by the FBI as to the releasability of this information following our consultation with the other agency(ies).

  1   Page(s) withheld for the following reason(s):  
Disposition in file U.S. 58805-1131

☐ For your information: \_\_\_\_\_

☒ The following number is to be used for reference regarding these pages:

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## Office Memorandum • UNITED STATES GOVERNMENT

TO : Director, FBI

~~SECRET~~  
CONFIDENTIAL

DATE: May 12, 1950

FROM : SAC, New York

SUBJECT: ABRAHAM BROTHMAN, Wa.  
(u) [REDACTED] (S) 28  
ESPIONAGE - R~~CONFIDENTIAL~~  
JUNE [REDACTED] (S) 28

In conformance with SAC Letter #19, dated 3/14/50, this is to advise that on 5/7/50, [REDACTED]

[REDACTED] a highly confidential informant having access to the office of above named subject. (S) 28

The services of this informant have proved extremely valuable to the New York Office in the preparation of an interview with BROTHMAN in connection with the possible identification of the American contact of Dr. EMIL JULIUS KLAUS FUCHS. (S) 28

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[100-365040-24]  
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37ALL INFORMATION CONTAINED  
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Exempt from GDS, Category 2  
Date of Declassification Indefinite~~SECRET~~



# Office Memorandum • UNITED STATES

TO : DIRECTOR, FBI

FROM : SAC, PHILADELPHIA

ATTENTION: FBI LABORATORY

SUBJECT: ABRAHAM BROTHMAN  
ESPIONAGE - R

33830

Enclosed is a five page typewritten document, together with a cover sheet, entitled "Thermal Diffusion - A Prospectus" which was prepared by HARRY GOLD and given to this office with the understanding that it will be returned to him. (u)

It is requested that the Laboratory conduct an appropriate examination of the typewriting and retain sufficient data so that comparison with other typewritten documents can be made when received at the Bureau. (u)

New York should send the Thermal Diffusion article in BROTHMAN's possession, if obtained, and request the Laboratory to determine if it was prepared on the same typewriter as the enclosed document, or, if a carbon copy of it. (u)

The Bureau is requested to furnish New York and this office with photos of the enclosed, and return the original to this office. (u)

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85-4318

APPROPRIATE AGENCIES  
AND FIELD OFFICES  
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STOP

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ENC. 6

Classification  
DATE 6/1/78

CC - Washington Field  
New York

Classified by 2355 WAB/DOH  
Exempt from GDS Category 2 & 3  
Date of Review Indefinite

Lab report out 5/25/50

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COPIES AND SPECIMENS RETAINED IN LAB  
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5-24-50  
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THERMAL DIFFUSION -- A PROSPECTUS

KI 100-365040

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VESTIGATION

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HEREIN IS UNCLASSIFIED  
DATE 4/28/87 BY 3042 WT/elm

## THERMAL DIFFUSION -- A PROSPECTUS

### I. Background

A. Definition -- Given a mixture of two gases in motion between a hot and a cold wall, there will be set up a considerable difference in the relative concentrations of the two gases at the top and the bottom of the apparatus. If the mixture at either or both ends of the equipment is regularly taken off then there results what is known as the "thermal diffusion - siphoning" effect. The rate of circulation of the gas mixture must be such that it is well below the critical value for the Reynold's Number, i.e., so that no turbulence will result -- otherwise a considerable amount of re-mixing may occur.

Thermal diffusion in the case of liquids is known as the Soret effect and occurs whether or not the liquid is in motion.

B. Historical -- The phenomenon of thermal diffusion was first discovered theoretically by Enskog of Sweden in 1911 and independently by Chapman in England in 1917. Later in the same year Chapman and Dootson gave the first experimental proof of thermal diffusion. It was Chapman who first suggested (1919) the use of thermal diffusion in the separation of isotopes but this idea



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was ridiculed by Mulliken who concluded that it could not compete with other methods. As a result, except for such theoretical work as was done by Chapman up until 1932, the utilization of thermal diffusion was completely neglected by physicists till 1938 when it was revived again by Clusius and Dickel in Germany and then in America by Brewer and Bramley and a number of other investigators.

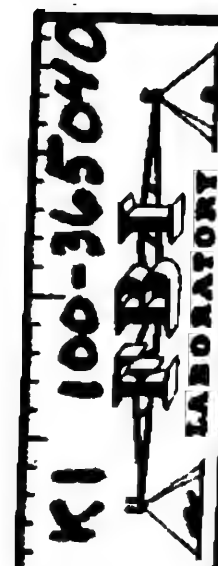
The so-called Soret effect for liquids was really first observed by Ludwig in Germany in 1856; it was reported in France by Soret twenty-five years later.

## II. Theory

Furry, Jones, and Onsager (Reference I) believe that "No simple theory can give an account of thermal diffusion; neither its existence nor its sign can be derived from elementary considerations. Its presence can be understood only be a detailed consideration of the equations of transport in a gas." However, Frankel (Physical Review 57:661) and Gillespie (Ibid. 61:388) have proposed reasonable simple explanations; these considerations can be used to give a correct estimate of the value of the thermal diffusion constant.

Brewer and Bramley (Physical Review 57:359) give as a general description of the ~~three~~ <sup>four</sup> actions that give rise to thermal diffusion:

- a. Difference in mass (thermal or initial diffusion).



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- b. Mass action of gas similar to convection current.
- c. Slight concentration due to Langmuir film.
- d. The radii of the two molecules.

Not all mixtures can be separated as the coefficient of thermal diffusion vanishes when the mode of interaction, the radii, and the masses of the two sets of molecules are all equal.

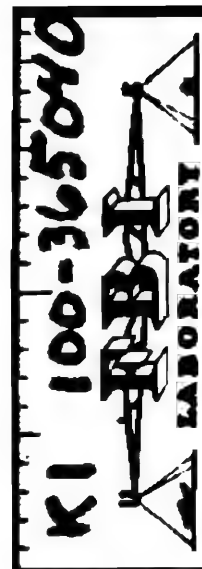
All theoretical efforts to explain the Soret effect in liquids have been completely unsuccessful.

### III. Description of Apparatus

Essentially all that is needed are two concentric cylinders, the inner one heated and the outer one cooled, mounted in a vertical position, with reservoirs at the top and bottom communicating with the annular space between the cylinders where convection and diffusion take place. In most cases the lighter molecules will concentrate toward the top of the apparatus.

Clusius and Dickel ran a heated wire up the axis of a long vertical hollow tube into which was put the gas mixture to be separated; using a 50% Helium and 50% Bromine mixture, the two gases were separated in a matter of minutes in a tube only three feet long.

In addition to Reference 1, thermal diffusion equipment is described by Taylor and Gockler (Reference 2) and Nier and Bardeen (Reference 3). Apparatus for thermal



diffusion in liquids is detailed by Gillespie and Breck (Reference 4) and by Carr (Physical Review 61:726 and J. Chemical Physics 12:349).

One very significant feature of the apparatus for thermal diffusion in gases is that an annular spacing of 0.7 cm. seems to work best of all.

The inner tube is usually heated by Nichrome wire but any other means such as steam or Dowtherm can probably be used much more effectively on an industrial scale.

#### IV. Uses of Thermal Diffusion

It is proposed to utilize thermal diffusion to increase the concentration of  $O_2$  in air from the normal 21% up to 60 or 80%. This enriched oxygen can then be used for any oxidation process such as the manufacture of sulfuric acid from sulfur and the manufacture of nitric acid from ammonia. The saving in size of equipment, power, and overall efficiency would be incalculable.

Other proposed fields of investigation would be:

- a. Recovery of  $CO_2$  from stack gases: if the ordinary 14% by volume  $CO_2$  concentration could be raised to say 40 or 60%, then this process can be made feasible.
- b. Separation of azeotropic liquid mixtures, particularly such as ethanol-water and the bothersome methanol-other solvents azeotrope.



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DATE 5/23/54



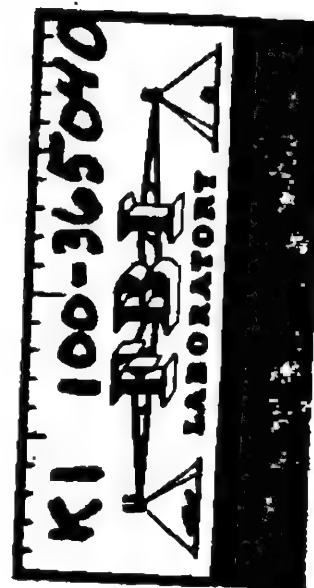
- c. Separation of liquid mixtures with close boiling points such as the xylols.
- d. Concentration of the end products of the butanol-acetone-ethanol fermentation. These occur in a total of only 2 to 3 grams of solvent per 100 cc. of beer and the cost of distillation is necessarily high.
- e. Separation of traces of impurities from liquids, such as thiophene in benzene.

This list is only a hint as to what can actually be done by the application of thermal diffusion.

#### V. Conclusions

While nothing as yet has appeared in the literature regarding the application of thermal diffusion to an industrial process, still, in order to be on the safe side it must be assumed that such work is being investigated. It is certain, however, that the first person to submit pilot plant proofs of definite applications to industry will be in a key position in a new and potentially vast field.

Note: Appended are photostatic copies of References 1, 2, 3, and 4 given in the body of the report.



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no. —

DATE 5/23/50  
PHONE 183

FBI LA O R Y

4/28/87

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Mr. Harbo	7625	Mrs. Gusack	7143
Mr. Parsons	7121	Mrs. Buchanan	7601
Mr. Bowles	7601	Miss Miller	7601
		Mr. Devine	7338

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Date of Declassification Indefinite

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Mr. Blaine	7613	Mr. Grigsby	7619
Mr. Bohn	7609	Mr. Holland	7607
Mr. Bradley	7330	Mr. Hull	7609
Mr. Brittain	7605	Mr. Lilja	7607
Mr. Cadigan	7608	Mr. Marshall	7605
Mr. Campbell	7608	Mr. Mesnig	7607
Mr. Dahlgren	7147	Mr. Miller	7619
Mr. Davis	7617	Mr. Rollins	7617
Mr. Dingle	7601	Mr. Slayton	7615
Mr. English	7336	Mr. Thompson	7338
Mr. Feehan	7613	Mr. Webb	7338
Records Section		Lab Files	7621
Mr. Krahling	7620	S.F.P.S.	7621
Outgoing Mail	7603	Mail Room	5533

ME. J. Van Loon Room 4708

4 copies of document submitted with Phila. letter 5/20/50 re. b1

"Abraham Brothman" [redacted] SP-K

I am retaining original until exam. completed will then return to Phila. See Me

Call Me

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X Dahlgren 7147  
Document Section

Office Memorandum • UNITED STATES GOVERNMENT

TO : DIRECTOR, SAC

DATE: May 20, 1950

FROM : SAC, PHILADELPHIA

ATTENTION: FBI LABORATORY

SUBJECT: ABRAHAM BROTHMAN  
ESPIONAGE - R

33829

116940

Enclosed herewith, please find six pages of bond paper containing the known handwriting and handprinting specimen of HARRY GOLD. In addition two ruled pages containing GOLD's handprinting specimens. The only other writing appearing on these pages is that of Special Agent T. SCOTT MILLER, JR. and RICHARD E. BRENNAN which is identified as such on each page. (u)

It is requested that the FBI Laboratory hold these specimens pending receipt of material from New York for comparison purposes. (u)

The New York Office is requested to furnish the Bureau with the Santa Fe hotel registration during the pertinent period for comparison with GOLD's handwriting. (u)

New York also requested to furnish Bureau with original thermal diffusion article in BROTHMAN's possession so that notations thereon can be compared with GOLD's handprinting. (u)

Should additional specimen be required the Bureau should notify this office as soon as possible. (u)

APPROPRIATE AGENCIES  
AND FIELD OFFICES  
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SLIP(S) OF

DATE

TSM:DAD

65-4318

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REGISTERED MAIL \*

Encl. 8

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New York

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- Mr. Tolson
- Mr. Ladd
- Mr. Clegg
- Mr. Glavin
- Mr. Nichols
- Mr. Rosen
- Mr. Tracy
- Mr. Harbo
- Mr. Belmont
- Mr. Mohr
- Mr. Nease
- Mr. Gandy

APPROPRIATE AGENCIES

8-55 FIELD OFFICES

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DATE 4-10-86

FEDERAL BUREAU OF INVESTIGATION  
U. S. DEPARTMENT OF JUSTICE  
COMMUNICATIONS SECTION

MAY 16 1950

TELETYPE

WASHINGTON 27 FROM NEW YORK

DIRECTOR URGENT

Classified by 302 Jut-Dre  
Declassify on: OADR

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FOOCASE, ESP-R. RENTEL MAY FIFTEEN LAST ADVISING OSCAR VAGO IDEN  
TIFIED PHOTO OF JOSEPH A. ROBBINS AS HARRY GOLD. PHOTO OF ROBBINS  
EXHIBITED TO GOLD WITH OTHER PHOTOGRAPHS AND HE IDENTIFIED THIS PHOTO  
AS BEING HARRY GOLD. THIS SIGNIFICANT IN VIEW OF FACT SUCHS HAD  
TENTATIVELY IDENTIFIED A PHOTO OF ROBBINS AS [REDACTED] AND IN VIEW OF  
APARENT STRONG RESEMBLANCE BETWEEN GOLD AND ROBBINS. FURTHER INFO  
DEVELOPED RE GOLD TENDED TO SUPPORT BELIEF GOLD IDENT WITH UNSUB

EX-125

Transmitted by 2356 WAB/007  
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Date of Declassification Indefinite

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U. S. DEPARTMENT OF JUSTICE  
COMMUNICATIONS SECTION

02 MAY 19 01 01

MAY 19 1950

TELETYPE

Mr. Tolson	_____
Mr. Ladd	_____
Mr. Clegg	_____
Mr. Glavin	_____
Mr. Nichols	_____
Mr. Rosen	_____
Mr. Tracy	_____
Mr. Harbo	_____
Mr. Belmont	_____
Mr. Mohr	_____
Tele. Room	_____
Mr. Nease	_____
Miss Gandy	_____

WASHINGTON 19 NEW YORK 7 AND BOSTON 2 FROM PHILA 19 10-22 P

DIRECTOR AND SACS.....U R G E N T

ABRAHAM BROTHMAN, ESPIONAGE - R. REBUTEL INSTANT. PHOTOGRAPHS  
MAILED SPECIAL DELIVERY TO BUREAU, BOSTON, NEW YORK AND AMSD TO  
ATLANTA. REQUESTED INTERVIEW PRESENTLY IN PROGRESS. ATLANTA  
WILL BE ADVISED SEPARATELY OF BUREAU INSTRUCTIONS RE CONTINUOUS  
ATTENTION.

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Office Memorandum • UNITED STATES GOVERNMENT

Director, FBI

SAC, Philadelphia

ABRAHAM BROTHMAN

ESPIONAGE - R

Bureau File 100-365040

Reference is made to Bureau teletype dated May 12, 1950.  
Referenced teletype requests that Philadelphia secure additional photographs  
of HARRY GOLD through surveillance or other means. In accordance with this  
request there are being submitted herewith the requested photographs of HARRY  
GOLD.

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 11/14/80 BY 3022

65-4318  
NOTED  
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New York - ENCLOSURES - SPECIAL DELIVERY  
Boston - ENCLOSURES - SPECIAL DELIVERY  
Atlanta - ENCLOSURES - AIR MAIL, SPECIAL DELIVERY

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☐ Documents originated with another Government agency(ies). These documents were referred to that agency(ies) for review and direct response to you.

         Pages contain information furnished by another Government agency(ies). You will be advised by the FBI as to the releasability of this information following our consultation with the other agency(ies).

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# FEDERAL BUREAU OF INVESTIGATION

Form No. 1

THIS CASE ORIGINATED AT

NEW YORK

**SECRET**

FILE No.

Mr. Tolson \_\_\_\_\_  
Mr. Ladd \_\_\_\_\_  
Mr. Clegg \_\_\_\_\_  
Mr. Glavin \_\_\_\_\_  
Mr. Nichols \_\_\_\_\_  
Mr. Rosen \_\_\_\_\_  
Mr. Tracy \_\_\_\_\_  
Mr. Egan \_\_\_\_\_  
Mr. Gurnea \_\_\_\_\_  
Mr. Harbo \_\_\_\_\_  
Mr. Mohr \_\_\_\_\_  
Mr. Pennington \_\_\_\_\_  
Mr. Quinn Tamm \_\_\_\_\_  
Mr. Nease \_\_\_\_\_  
Miss Gandy \_\_\_\_\_

REPORT MADE AT <b>LOS ANGELES</b>	DATE WHEN MADE <b>5/19/50</b>	PERIOD FOR WHICH MADE <b>5/15-18/50</b>	REPORT MADE BY <b>GILMOR G. ROBINSON</b>
TITLE <b>ABRAHAM BROTHMAN, wa. [REDACTED] (S) b1</b>			CHARACTER OF CASE <b>ESPIONAGE - R</b>

## SYNOPSIS OF FACTS:

~~CONFIDENTIAL~~ WAB/Don 10-1-75  
ADMINISTRATIVE

JULES KORCHIEN interviewed on May 16 and 17, 1950, and advised first became acquainted with ABRAHAM BROTHMAN about 1942. KORCHIEN furnished information regarding Chemurgy Designs Corporation and Abraham Brothman, Incorporated, and individuals connected with above company. Denies any knowledge of espionage activity. KORCHIEN failed to identify pictures of HARRY GOLD, JOSEPH A. ROBBINS, and ELIZABETH BENTLEY. Name of FRANK KEPPLER not known to KORCHIEN. (u)

- RUC -

## DETAILS:

At Los Angeles, California:

JULES KORCHIEN was interviewed at his home, 16560 Chatanooga Place, on May 16 and 17, 1950, by SA HAROLD F. DODGE and the writer. (u)

**COPIES DESTROYED**

**1963 MAR 5 1963** Mr. KORCHIEN was advised that in connection with the investigation of EMIL JULIUS KLAUS FUCHS, the convicted British scientist, Agents desired to discuss certain facts known to him. He was further informed that this interview concerned the Abraham Brothman and Associates, Incorporated and its laboratory and that personnel associated with this company were being interviewed at the present time regarding all knowledge regarding its operation. (u)

Association with Abraham Brothman

APPROVED AND FORWARDED: <i>R. D. Dodge</i>	SPECIAL AGENT IN CHARGE	DO NOT WRITE IN THESE SPACES
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53 JUN 1950

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Date of Declassification Indefinite

KORCHIEN advised that he met ABRAHAM BROTHMAN for the first time in 1942 and that this introduction was a result of his being employed by the Chemurgy Design Corporation and specifically being employed by HENRY A. GOLWINNE. KORCHIEN stated that BROTHMAN was a well known chemical engineer and that his early association with him was of a professional nature in connection with the work done by them on the Rufert Chemical Company plant at Seymour, Connecticut. He said that this project continued for well over a year. (u)

Following the completion of the above job (KORCHIEN uncertain of the date) KORCHIEN advised that GOLWINNE, BROTHMAN, and WEBER (ARTHUR P.) had a misunderstanding regarding financial matters and the above company was terminated. Shortly thereafter BROTHMAN sold KORCHIEN and others (discussed elsewhere) on setting up an organization to be known as the Abraham Brothman and Associates, Incorporated. (u)

KORCHIEN advised that his association with BROTHMAN continued on a professional and social basis until he, KORCHIEN, left the partnership. He advised that he has visited and talked with BROTHMAN at infrequent intervals. (u)

Concerning BROTHMAN, KORCHIEN stated that he is an extremely hard-working individual and often worked at the laboratory until late in the evening and that he had an excellent reputation as a plastic chemist and had many contacts with various business firms. (u)

KORCHIEN was questioned in detail for any knowledge he had which would indicate that BROTHMAN was engaged in espionage activity during the period of their acquaintance, with negative results. KORCHIEN advised that he had no knowledge whatever that BROTHMAN or any of his associates were engaged in espionage activity and he further stated that during the time he had known BROTHMAN he had no reason to be suspicious of either BROTHMAN or any of his social or business contacts. KORCHIEN was questioned as to whether he knew of any of BROTHMAN's associates who were Soviet officials, diplomatic or otherwise, with negative results. (u)

Upon further questioning, KORCHIEN related that BROTHMAN had told him several years ago that the FBI had questioned BROTHMAN for the reason that they thought he was a spy. He continued that BROTHMAN was very much concerned over this accusation but, according to KORCHIEN, did not furnish him details concerning the matter, nor did KORCHIEN question him further about it. KORCHIEN was asked if he had knowledge of Communist Party membership on the part of BROTHMAN, and he advised that he did not. (u)

Regarding their association, KORCHIEN stated that he last saw



BROTHMAN about eight months ago in New York, at which time he discussed with him the repayment of a loan. (u)

KORCHIEN made the statement that he would be surprised if BROTHMAN were involved in the FUCHS matter. (u)

Information Concerning Chemurgy Design Corporation

KORCHIEN stated that he believed this organization was founded by HENRY A. GOLWINNE, ABRAHAM BROTHMAN, and WEBER. It was KORCHIEN's understanding that GOLWINNE supplied most of the capital for this business. (u)

KORCHIEN said that he had no knowledge regarding the financial arrangements between the business associates of Chemurgy, nor was he aware of any salaries paid to them. He stated that he was hired on a fee basis and was paid about \$2,000 for his services, this work being done on the Rufert Chemical Company project. It was the understanding of KORCHIEN that GOLWINNE was an officer in the Rufert Chemical Company. (u)

KORCHIEN stated that he could furnish no information regarding the organizational or financial structure of Chemurgy but that he recalled vaguely that GOLWINNE, BROTHMAN, and WEBER had a misunderstanding over financial matters and that he believed Chemurgy folded up following this disagreement. (u)

KORCHIEN was questioned concerning the names of persons or companies that Chemurgy did business with and he advised that the only one to his knowledge was the Rufert Chemical Company. (u)

Concerning HENRY A. GOLWINNE, KORCHIEN stated that he believed he was of British nationality. He described him as follows:

Build	Medium
Height	5'8"
Weight	160 pounds
Hair	Gray to dark brown
Age	Not known

(u)

KORCHIEN was questioned regarding social and professional associates of GOLWINNE, with negative results. He advised that he had not seen or heard from GOLWINNE following the breaking up of the Chemurgy Design Corporation. (u)

Concerning ARTHUR P. WEBER, KORCHIEN stated that he recalled him as being an assistant to BROTHMAN, but that he could furnish no details regarding his background, dates, or contacts, nor did he recall

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meeting WEBER socially. (u)

KORCHIEN recalled EMIL Z. BARISH as "being around Chemurgy" but did not believe he was one of the original partners in the Abraham Brothman and Associates, Incorporated. (u)

Regarding OSCAR J. VAGO, KORCHIEN advised that he had been acquainted with VAGO since the late 1930s and that he was a structural engineer. He said that during the time he worked on the Rufert Chemical Company he needed a structural engineer and that he was responsible for VAGO's being employed by them. He stated that BROTHMAN had not known VAGO prior to this time, which was about 1942. (u)

KORCHIEN was questioned in detail for further information concerning Chemurgy Design Corporation, without results. (u)

Information concerning Abraham Brothman and Associates, Incorporated

KORCHIEN stated that the idea of the above company was largely that of ABRAHAM BROTHMAN's, who sold the idea to VAGO, GUS WOLLAN, and himself. KORCHIEN said that this corporation represented the partners in the Abraham Brothman and Associates undertaking. (u)

The purpose of the partnership, according to KORCHIEN, was to organize a group of engineers in various chemical fields which would enable the business to offer manufacturers a well rounded engineering service. The idea was to be able to design, equip, and operate a chemical manufacturing business. (u)

KORCHIEN related that the partnership was a mutual undertaking and that it was agreed that each partner would share in the returns of the business according to the contributions made by each individual. (u)

He advised that in the early stages of the organization he desired to have a written understanding with respect to the partnership, and in this connection contacted an attorney friend of his who met with the group to discuss this matter. He continued that this attorney, ALEX BRAND, drew up a written agreement concerning the partnership but that it was never signed by any of them. He continued that as a result of not having a written agreement the partnership was very loosely operated. (u)

According to KORCHIEN, ALEX BRAND mentioned above was not known to BROTHMAN, and to his knowledge BROTHMAN has never used his services. (u)

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Concerning the financial structure of the company, KORCHIEN said that it was his understanding that only he and BROTHMAN made an original investment in the company. Although questioned from time to time concerning the amount of the original investment, KORCHIEN did not disclose the exact figures, but did say that from time to time he and BROTHMAN advanced small amounts into the partnership. This, according to KORCHIEN, amounted to \$1,800 and that BROTHMAN or the partnership is still indebted to him for this money. (u)

KORCHIEN continued that he had no knowledge that any other persons, firm, or government had advanced loans or given financial assistance to the Abraham Brothman and Associates, Incorporated, in the furtherance of this business. He stated that he had never received any money for wages or services rendered to the partnership and that his only benefit had resulted from small payments of overhead expenses in connection with his office space at 114 East 32nd Street, which was the office location of the business. (u)

According to KORCHIEN, the partnership was begun in late 1943. However, upon questioning he stated that he was not certain of this date and that it would be necessary for him to check his rental lease in order to determine the exact date of the organization. KORCHIEN did not disagree when it was pointed out that the business was begun in about August, 1944. It was apparent during the course of the interview that KORCHIEN had little concern for dates and made no attempt to furnish or figure out the exact dates relating to the business. (u)

KORCHIEN advised that he had no knowledge of ABRAHAM BROTHMAN's financial worth nor did he know his source of income. He did surmise that BROTHMAN and his wife may have used their savings in connection with investments in the partnership. He said the company was never in a strong financial position nor could he furnish any figures concerning the salaries of VAGO or WOLLAN. (u)

KORCHIEN advised that BROTHMAN had a contract with the Chinese Nationalist Government to design a plant for the manufacture of plastics and to develop new manufacturing processes. It was KORCHIEN's understanding that representatives of the Chinese Government had originally approached a friend of BROTHMAN regarding this contract. It was his understanding that this individual had recently published a book relating to plastics and that it was published by McGraw and Hill Publishers. He continued that this individual was unable to handle the job and that he had referred them to BROTHMAN, who entered into a contract with the Chinese representatives. (u)



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Concerning money received from the Chinese Government, KORCHIEN said that he believed the company received about \$30,000 in periodic payments and that this money was used for salaries and equipment. KORCHIEN advised that employees of the company were always paid first and that he supposed BROTHMAN would recover back wages when large sums such as mentioned above were received by the company. KORCHIEN was of the opinion that the project mentioned above was completed and it was his understanding that the Chinese were satisfied. (u)

KORCHIEN was questioned concerning other companies with which the partnership did business and he advised that they had a contract with the Bridgeport Brass Company, but he was unaware of the nature of the contract and he only knew it had to do with the manufacture of DDT bombs. In connection with the above work, KORCHIEN stated that BROTHMAN made frequent trips to Connecticut. (u)

It was the opinion of KORCHIEN that the partnership also did some work for the Graver Tank Company, but he could furnish no specific information regarding this business nor did he have any knowledge concerning individuals connected with it. (u)

KORCHIEN recalled that BROTHMAN had at one time dickered with an Indian firm concerning a contract which he believed also had to do with DDT bombs which, according to KORCHIEN, received a lot of publicity during this period. He advised that he had no knowledge concerning the above negotiation nor was he aware of any money received from them. (u)

Laboratory, at Elmhurst

KORCHIEN was questioned in detail concerning the laboratory which was a part of the Abraham Brothman and Associates, Incorporated, and he advised that this was part of the business and that the financing of the lab was a part of the business. He stated that the laboratory work was concerned solely with the partnership and he did not know of any work which was performed for other companies. He could furnish no information regarding research activities which were conducted at the laboratory, but stated that GUS WOLLAN (GERHARD NORVA WOLLAN, was.) spent most of his time at the laboratory where he worked on problems relating to DDT, among other things. KORCHIEN was questioned in detail for knowledge in his possession regarding research matters and for any information which would indicate that individuals connected with the laboratory had other interests, and he stated that he had no knowledge that any of its employees were connected with any other laboratory other than the one with which the partnership was connected. (u)

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KORCHIEN stated that he had recently learned that BROTHMAN had done work on the Toni permanent wave solution in the laboratory. (u)

KORCHIEN recalled that in connection with the laboratory work BROTHMAN made trips to Bridgeport, Connecticut, from time to time and worked at the laboratory which was maintained by the Bridgeport Brass Company. (u)

Concerning his association with the partnership, KORCHIEN advised that he did not do any work for the business, never received a salary, and that during the time he was associated with the partnership he merely had office space there in which he did work of his own, which had no connection with the partnership. He stated that he never took an active part in the operation of the business and that shortly before the partnership moved to Queens he ceased active participation in the business altogether. KORCHIEN was uncertain as to the date, but believed it was late 1944 or early 1945. KORCHIEN advised that the lease record may reflect that the Abraham Brothman and Associates continued in existence at the address 114 East 32nd Street longer than they were actually in operation there. He explained this by saying that he continued to pay the rent of this space and that he believed the rent may have been paid in the name of the partnership rather than by himself individually. (u)

KORCHIEN advised that VAGO, to the best of his knowledge, remained with the company until one or two years ago, that he was uncertain of this date, and that it was his understanding that he left the partnership probably over money matters. He stated that VAGO telephonically contacted him some time ago, at which time he requested his assistance in securing a job. (u)

Regarding WOLLAN, it is to be noted that KORCHIEN referred to him as GUS. KORCHIEN stated that WOLLAN was a physicist and chemist and that he had never met the man until BROTHMAN introduced him at the time the partnership was begun. He stated that he had had no social contact with WOLLAN but that he had heard WOLLAN left the company prior to the time VAGO did. KORCHIEN stated that he had not seen or heard from WOLLAN since the time the business moved to the new location in Queens. (u)

KORCHIEN was questioned for information having to do with EMIL Z. BARISH and he advised that he did not recall that BARISH was active in the partnership during the period of his association with the partnership nor could he furnish any information concerning his associates or background. (u)

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KORCHIEN was asked if he recalled the name of the secretary of the company and he stated that it was a girl by the name of MIRIAM. The name of MOSKOWITZ was furnished to KORCHIEN and he stated that that was the last name of the secretary. KORCHIEN could furnish no information as to whether she was at the present time a partner in the business. (u)

KORCHIEN was questioned further for additional names of persons employed by them in the laboratory and the only other name that he could recall besides WOLLAN was a person he remembered as a "little guy" by the name of CY. His last name he could not recall. (u)

Social and Professional Contacts of Brothman

During the interview KORCHIEN was repeatedly asked to furnish names of social and professional contacts of BROTHMAN and also the names of chemists and engineers with whom BROTHMAN did business. KORCHIEN said that he knew BROTHMAN had many contacts among chemists and engineers and also was acquainted with a large number of business firms, but that he could not recall the names of such persons nor could he furnish the businesses. He believed BROTHMAN had contacts with several large chemical firms and that he, BROTHMAN, was trying to get business for the partnership and was also interested in making personal contacts with them. (u)

KORCHIEN stated that about the time he first went with Chemurgy Designs Corporation that BROTHMAN gave a talk before the American Chemical Society in Philadelphia on a topic having to do with the mechanization of chemical processes. It was also believed by KORCHIEN that BROTHMAN had submitted a paper to the Society at this time. He could furnish no details regarding the basis for the invitation which was extended to BROTHMAN. (u)

KORCHIEN recalled that BROTHMAN was friendly with an editor of the Chemical and Metallurgical Journal and that BROTHMAN had contributed articles to this publication. KORCHIEN was otherwise unaware of this individual's identity. (u)

KORCHIEN recalled that there was quite a turnover of employees by the company and that people were coming and going all the time, but he could not recall their names nor could he furnish the firms with which these people might have been connected. (u)

Travel

KORCHIEN was questioned in detail regarding trips that BROTHMAN



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may have made in 1944 and 1945. He was questioned whether or not to his knowledge BROTHMAN or any of the partners in Chemurgy or Abraham Brothman and Associates or any of its employees ever travelled to Canada. KORCHIEN stated that he had no knowledge of any extensive trips made by anyone connected with the firm, except that BROTHMAN on occasion travelled to Bridgeport, Connecticut, and that he recalled his going to Philadelphia. (u)

British Purchasing Commission, British Scientific or Diffusion Mission

KORCHIEN was questioned regarding the above and he related that he recalled that BOLWINNE had had some contact with the British Purchasing Commission during the existence of Chemurgy. He stated that in this connection it was his belief that GOLWINNE had certain magnesium interests. (u)

KORCHIEN stated that he had never heard of the British Scientific or Diffusion Mission and that he felt certain that the Abraham Brothman and Associates had had no contact with either of these groups nor had they any business contacts with the British Purchasing Commission, to the best of his knowledge. (u)

Bank Account

KORCHIEN was questioned regarding any financial statement made by the company and he advised that he recalled on one occasion that an accountant described as an old fellow whose name he did not remember had reviewed their books. KORCHIEN could furnish no information or financial statement or income tax returns made by the partnership. He did state, however, that he had filed his state and federal income tax in New York City for 1944 and that he recalled he showed a loss on his 1944 income tax return. KORCHIEN inferred that this loss was a result of his connection with the partnership. (u)

Photographs Shown to KORCHIEN

The following photographs were shown to KORCHIEN and he was asked if he had ever observed these individuals at any time:

JACOB GOLDS  
VLADIMIR A. FVERLINOVICH  
IVAN I. MAIOROV

JOSEPH J. ROBBINS  
ELIZABETH BENTLEY  
HARRY ~~ROBBINS~~

GOLD

(Per Serial 46)  
Fus

KORCHIEN viewed the above photographs and stated that he had

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ADMINISTRATIVE PAGE

never observed any of these individuals. He was further questioned as to whether or not he had ever heard the name of FRANK KEPPLER, and he advised that he had not. (u)

Additional Questioning

KORCHIEN was asked if he had at any time been approached by anyone to engage in espionage activity, and he advised that he had not. He was specifically asked whether or not he had ever been approached by individuals representing the Soviet Government and he replied in the negative. (u)

✓ KORCHIEN was questioned as to whether he recalled ever having been acquainted with ELIZABETH BENTLEY, and he emphatically denied it. (u)

M KORCHIEN was asked if he had ever been at any time a member of the Communist Party and again he replied in the negative. (u)

KORCHIEN was asked if he would give a signed statement regarding information that he had related to Agents during the course of this interview, and he advised that he would not, inasmuch as he did not care to become involved in this matter. (u)

A physical surveillance of the activities of JULES KORCHIEN on May 16 and 17, 1950, reflected no pertinent information. (u)

The notes of the interview of KORCHIEN are being retained in the 1A exhibit. (u)

Copies of this report are being furnished the Boston Office because of its interest in the FUCHS investigation. Copies of this report are being furnished the Washington Field and San Francisco Offices in accordance with previous instructions. Copies of this report are being furnished the Atlanta Office for use in connection with the interview of WOLLAN. (u)

- REFERRED UPON COMPLETION TO THE OFFICE OF ORIGIN -

L.A. 65-5033

LEADS

THE NEW YORK OFFICE

At New York City: Will, if deemed pertinent, identify the editor of the Chemical and Metalurgical Journal, who is known to be friendly with BROTHMAN. (u)



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U. S. DEPARTMENT OF JUSTICE  
COMMUNICATIONS SECTION

MAY 11 1950

TELETYPE

~~TOP SECRET~~

WASH FROM NEW YORK 12 11 4-46 P

DIRECTOR URGENT

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED EXCEPT  
WHERE SHOWN OTHERWISE.

ABRAHAM BROTHMAN, WA, [REDACTED] ESP R. REBULET MAY FIRST LAST. NY  
CONTEMPLATING INTERVIEWING BROTHMAN, VAGO, KORCHIEN, BARISH, AND  
MARIAM MOSKOWITZ ON MORNING OF MAY FIFTEEN, NEXT. INTERVIEWS SET FOR  
THAT DATE TO ENABLE AGENTS INTERVIEWING BROTHMAN TO DIGEST FULLY INFO  
OBTAINED FROM CONF INF ON MAY SEVENTH, LAST. AT CONCLUSION OF INTER-  
VIEWS, EACH WILL BE PLACED UNDER DISCREET SURVEILLANCE UNTIL MIDNIGHT  
THAT DATE. SURVEILLANCES WILL BE RESUMED ON MORNING OF MAY SIXTEENTH  
AND CONTINUED FOR ABOUT EIGHT HOURS. PURPOSE OF SURVEILLANCE IS TO  
DETERMINE THEIR CONTACTS, IF ANY, IMMEDIATELY AFTER INTERVIEWS. NOT  
BELIEVED NECESSARY TO CONTINUE SURVEILLANCES AFTER APPROX FIVE PM MAY  
SIXTEENTH, NEXT. EFFORTS BEING MADE [REDACTED] BROTHMAN-S  
OFFICE, TWENTYNINE DASH TWENTYEIGHT FORTYFIRST AVE, LONG ISLAND CITY.  
ATLANTA REQUESTED TO INTERVIEW WOLLAN AND PLACE UNDER SURVEILLANCE IN  
ACCORDANCE WITH ABOVE PLAN, UACB.

Classified by 2955 WAB/ovn 11/14/75  
Exempt from GDS Category 293  
Date of Declassification Indefinite

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INDEXED - 68

MAY 17 1950

ATLANTA ADVISED

NY R 12 WA DCL

Classified by 3046 PAST/inn  
Declassify on: OADR

APPROPRIATE AGENCIES  
AND FIELD OFFICES  
ADVISED BY ROUTING  
SLIP(S) OF Classification

DATE 10/11/78

JUN 2 1950

~~TOP SECRET~~

Mr. Tolson	
Mr. Ladd	
Mr. Clegg	
Mr. Glavin	
Mr. Nichols	
Mr. Rosen	
Mr. Tracy	
Mr. Harbo	
Mr. Belmont	
Mr. Mohr	
Tele. Room	
Mr. Nease	
Miss Gandy	

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MAY 11 1950

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Mr. Tolson	
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CONF WASHINGTON 42 AND PHILADELPHIA 5 FROM NEW YORK  
DIRECTOR AND SAC URGENT

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DATE 1/28/87 BY 3042 PWT/IMW

ABRAHAM BROTHMAN, WA., ESP-R. REBULET MAY ONE AND PHILA TEL MAY ELEVEN  
NY CONTEMPLATING INTERVIEWING SUBJ AND VARIOUS OF HIS ASSOCIATES ON  
MORNING OF MAY FIFTEEN NEXT. IN THIS CONNECTION NY AGENTS WILL CONDUCT  
INTERVIEW OF HARRY GOLD IN PHILA. REQUESTED PHILA OFFICE BE COGNIZANT  
OF GOLD-S WHEREABOUTS ON MORNING MAY FIFTEEN SO THAT HIS INTERVIEW MAY  
PROCEED SIMULTANEOUSLY WITH THOSE BEING CONDUCTED IN NY AND ATLANTA.  
UACB PHILA WILL CONDUCT DISCREET SURVEILLANCE OF GOLD FROM TERMINATION  
OF INTERVIEW UNTIL MIDNIGHT SAME DAY. WILL RESUME SURVEILLANCE MORNING  
MAY SIXTEEN AND CONTINUE FOR ABOUT EIGHT HRS. NOT BELIEVED NECESSARY  
TO CONDUCT SURVEILLANCE OF GOLD AFTER FIVE PM, MAY SIXTEEN. PHILA WIL  
BE TELEPHONICALLY CONTACTED MONDAY AM RE DEVELOPMENTS THIS MATTER.

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MAY 17 1950

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COMMUNICATIONS SECTION

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TELETYPE

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Mr. Clegg	
Mr. Glavin	
Mr. Nichols	
Mr. Rosen	
Mr. Tracy	
Mr. Harbo	
Mr. Mohr	
Tele. Room	
Mr. Nease	
Miss Gandy	

WASHINGTON 1 AND NY 1 FROM PHILADELPHIA 5-11-50 955  
DIRECTOR AND SAC... U R G E N T  
ABRAHAM BROTHMAN, SM - C. HARRY GOLD CURRENTLY EMPLOYED AS CHIEF  
RESEARCH CHEMIST, PHILA. GENERAL HOSPITAL. HE IS CIVIL SERVICE  
EMPLOYEE CITY OF PHILA. IS AT WORK TODAY.

CORNELIUS

\* CORR LAST WD LINE 2 2 "SERVICE"

ED

WA PH R 1 WA DCL

NY PH R 1 NY

W DW

DSC

*Banfield*  
*J. J. Banfield*

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MAY 17 1950  
12

EX-20  
cc: Mr. Vasth

58 JUN 8 1950

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FEDERAL BUREAU OF INVESTIGATION  
UNITED STATES DEPARTMENT OF JUSTICE

MEMO  
100-21174

Mr. Tolson	
Mr. E. A. Tamm	
Mr. Clegg	
Mr. Glavin	
Mr. Ladd	
Mr. Nichols	
Mr. Rosen	
Mr. Tracy	
Mr. Carson	
Mr. Egan	
Mr. Gurnea	
Mr. Hendon	
Mr. Pennington	
Mr. Quinn	
Mr. Nease	
Miss Gandy	

Transmit the following teletype message to  
SAC and SAC NEW YORK from NEW YORK dated 5-11-50  
URGENT 5-11-50  
RE: ALGERIA BROTHMAN, SA, NEW - R. BROTHMAN MAY 1948, LAST, AND RECORD TO NY, NEW  
COPY, BROTHMAN OF SECURITY OF FOR BROTHMAN AND BROTHMAN. BROTHMAN, NY NEW YORK MAY  
1948, LAST, NY NEW YORK. NY NEW YORK BROTHMAN AND BROTHMAN BROTHMAN BROTHMAN  
BROTHMAN, FRANCE, BROTHMAN AND BROTHMAN, NY, NEW YORK, BROTHMAN, BROTHMAN OF BROTHMAN.  
BROTHMAN BROTHMAN NY NEW YORK BROTHMAN AND BROTHMAN BROTHMAN BROTHMAN NY  
BROTHMAN BROTHMAN NY NEW YORK BROTHMAN, BROTHMAN NY NEW YORK BROTHMAN NY NEW  
STOP DATED FEBRUARY BROTHMAN, BROTHMAN, DATED NY BROTHMAN INFO IN POSSESSION NY  
WHICH WILL BE COVERED BY NY. BROTHMAN BROTHMAN NY NEW YORK WILL BE CONTAINED IN  
REPORT. BROTHMAN MAY 1948, LAST, NO RECORD OF NY, BROTHMAN, BROTHMAN MAY 1948,  
LAST, BROTHMAN BROTHMAN TO CONTACT NY, BROTHMAN, BROTHMAN, BROTHMAN NY NEW YORK  
NY NEW YORK BROTHMAN BROTHMAN BROTHMAN BROTHMAN BROTHMAN BROTHMAN, NY  
TO JOINT CHIEFS OF STAFF, NY, BROTHMAN BROTHMAN TO VISIT BROTHMAN AND  
NY NEW YORK, JULY, BROTHMAN, BROTHMAN, BROTHMAN IN LATTER NY NEW YORK AND  
HE REPORTED TO VISIT AND PARIS ADDRESS WHERE HE COULD BE REACHED BY  
THREE EIGHT ONE PARIS, BROTHMAN NY NEW YORK, AND NY NEW YORK.  
NY CHATRAU, BROTHMAN.

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED  
DATE 1/25/87 BY 5042 PJS/IMW  
RECORDED - 68  
INDEXED - 68  
100-865040-37  
MAY 17 1950  
12

Approved: \_\_\_\_\_ Sent \_\_\_\_\_ M Per \_\_\_\_\_  
Special Agent in Charge



FEDERAL BUREAU OF INVESTIGATION  
U. S. DEPARTMENT OF JUSTICE  
COMMUNICATIONS SECTION

MAY 10 1950

TELETYPE

Mr. Tolson	_____
Mr. Ladd	_____
Mr. Clegg	_____
Mr. Glavin	_____
Mr. Nichols	_____
Mr. Rosen	_____
Mr. Tracy	_____
Mr. Harbo	_____
Mr. Belmont	<input checked="" type="checkbox"/>
Mr. Mohr	_____
Tele. Room	_____
Mr. Nease	_____
Miss Gandy	_____
1	PM

ar 2-1

WASHINGTON 10 NEW YORK 4 FROM PHILA  
DIRECTOR AND SAC.....U R G E

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 10/08/87 BY 3042 PWT/lmw

ABRAHAM BROTHMAN, ESP - R. REBUTEL THIS DATE. BY PRETEXT TELEPHONE  
CALL TO GOLD-S BROTHER, JOSEPH GOLD, AT FOUR FORTYFIVE PM THIS DATE,  
IT WAS ASCERTAINED THAT HARRY GOLD HAD NOT RETURNED FROM WORK AS OF  
THAT TIME. THE LOCAL MAIL CARRIER IDENTIFIED A PHOTO OF GOLD AS  
RESIDING AT SIX EIGHT TWO THREE KINDRED ST., AND ADVISED THAT GOLD IS  
EMPLOYED DURING DAY BUT IS AT HOME ON SATURDAY. PHYSICAL SURVEILLANCE  
TO DATE HAS BEEN UNPRODUCTIVE IN ESTABLISHING HARRY GOLD-S EMPLOYMENT  
SURVEILLANCE IS CONTINUING.

RECORDED - 68

INDEXED - 68

100-365040-38  
MAY 17 1950

71 JUN 2 1950

BOTH AKA AND DISC DIS

UNRECORDED COPY FILED IN 65-5885

cc Mr. [Signature]

FEDERAL BUREAU OF INVESTIGATION  
U. S. DEPARTMENT OF JUSTICE  
COMMUNICATIONS SECTION

~~TOP SECRET~~  
TELETYPE

APPROPRIATE AGENCIES  
AND FIELD OFFICES  
ADVISED BY ROUTING  
SLIP(S) OF

~~TOP SECRET~~

DATE

6/17/78

8-50 P

WASH 37 AND PHILA 5 FROM NEW YORK

DIRECTOR AND SAC

URGENT

ABRAHAM BROTHMAN, WA, ~~REDACTED~~ ESP-R RE PHILA TEL MAY NINE AND BUTEL  
MAY TEN INST. TIMING OF INTERVIEWS NY DEPENDENT UPON LOCATION OF  
HARRY GOLD. PRESENT TENTATIVE PLANS ARE TO CONDUCT INTERVIEWS SIM-  
ULTANEOUSLY FRIDAY MAY TWELVE OR MONDAY MAY FIFTEEN. CONSIDERATION  
HAS BEEN GIVEN TO INTERVIEWING THESE INDIVIDUALS OVER WEEKEND BUT DUE  
TO UNCERTAINTY OF THEIR MOVEMENTS AND PLANS FOR WEEKEND, THIS TIME  
NOT CONSIDERED ADVISABLE. PHILA HAS FOR ITS INFO BEEN FURNISHED  
DETAILS RE HARRY GOLD AVAILABLE NYO. IN EVENT GOLD LOCATED PHILA AS  
PER REF BUTEL, TWO AGENTS FROM NY WILL PROCEED TO PHILA TO CONDUCT  
INTERVIEW.

SCHEIDT

ATLANTA ADVISED

ACK IN O AND DISC PLS

WA NYC R37 WA SMS

PH NYC R 5 PH

INITIAL PLS FMM

Classified by 2855 WAB/DVN  
Exempt from GDS, Category 2 & 3  
Date of Declassification Indefinite

Classified by 3042 PWT/lmw  
Declassify on: OADR

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INDEXED - 68

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MAY 17 1950  
12

71 JUN 2 1950

~~TOP SECRET~~

~~SECRET~~

Mr. Tolson	
Mr. Ladd	
Mr. Clegg	
Mr. Glavin	
Mr. Nichols	
Mr. Rosen	
Mr. Tracy	
Mr. Harbo	
Mr. Belmont	
Mr. Mohr	
Tele. Room	
Mr. Nease	
Miss Gandy	

FEDERAL BUREAU OF INVESTIGATION  
U. S. DEPARTMENT OF JUSTICE  
COMMUNICATIONS SECTION

MAY -9 1950

~~TOP SECRET~~  
ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED EXCEPT TELETYPE AND FIELD OFFICES  
SHOULD SHOW OTHERWISE.

APPROPRIATE AGENCIES  
ADVISED BY ROUTING  
SLIP(S) OF *Classification*

Mr. Tolson	_____
Mr. Ladd	_____
Mr. Clegg	_____
Mr. Glavin	_____
Mr. Nichols	_____
Mr. Rosen	_____
Mr. Tracy	_____
Mr. Harbo	_____
Mr. Belmont	_____
Mr. Mohr	_____
Tele. Room	_____
Mr. Nease	_____
Miss Gandy	_____

WASHINGTON FROM NEW YORK 12

9

DATE 2-00AM 6/1/75 11/13/75

DIRECTOR URGENT

Classified by 3042 PWT/INN

Declassify on: OADR 4/1/87 (S)

Classified by 355 WAB/BN  
Exempt from GDS, Category 292  
Date of Declassification Indefinite

~~TOP SECRET~~

ABRAHAM BROTHMAN, WA. [REDACTED] ESP - R. RENYTEL MAY FIVE LAST. CONFIDENTIAL

DENTIAL INFORMANT ON SUBJECT HAS FURNISHED FOLLOWING INFO OF INTEREST. SUBJECT DIRECTED LETTER ON APRIL TWENTY EIGHT LAST TO PASSPORT DIVISION, STATE DEPT., ADVISING THAT HE INTENDS TO TRAVEL TO LONDON, PARIS AND BASEL, SWITZERLAND IN THE NEAR FUTURE, STATING THAT HE EXPECTS TO LEAVE ON OR BEFORE JUNE FIRST, FIFTY. IN LONDON, HE STATES, HE WILL CONTACT DOCTOR J. POM, ONE DASH NINE HILLS PLACE, OXFORD STREET, LONDON, WHOM SUBJECT DESCRIBES AS A SALES AGENT FOR HIM. IN PARIS, SUBJECT SAYS HE WILL CONTACT DOCTOR EDUARD KREBS, PRESIDENT OF KREBS ET CIE FIRM TO SOLICIT BUSINESS FOR "ROBOTIZATION" OF KREBS CELL PLANT. IN BASEL, SWITZERLAND, SUBJECT SAYS HE WILL BE IN CONTACT WITH LONZA, LIMITED FOR WHOM SUBJECT IS NOW PERFORMING CONTRACTS IN UNITED STATES. INFORMANT ALSO FURNISHED THE FACT THAT BROTHMAN POSSESSES A MANILA FOLDER LABELED "THERMAL DIFFUSION". THIS FOLDER CONTAINS COPIES OF SEVEN ARTICLES ON "THERMAL DIFFUSION" AND RELATES FOR SUBJECTS APPEARING IN THE JOURNAL OF CHEMICAL PHYSICS AND PHYSICAL REVIEWS, SCIENTIFIC PUBLICATIONS, BETWEEN THE YEARS NINETEEN THIRTY NINE TO FORTY ONE. FOLLOWING THESE ARTICLES IS AN UNDATED TYPEWRITTEN, DOUBLE SPACED SCIENTIFIC PAPER ON THE SUBJECT OF "THERMAL DIFFUSION" WHICH HAD A TITLE THAT IS NOW OBLITER-

62 JUN 5 1950

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MAY 17 1950

END PAGE ONE

~~TOP SECRET~~

12



~~TOP SECRET~~

PAGE TWO

ATED. INFORMANT UNABLE TO STATE AUTHOR OF THIS PAPER AND THERE IS NO INDICATION WHEN OR WHETHER THE PAPER WAS EVER PUBLISHED. OBLITERATED TITLE, HOWEVER, APPEARS MUCH SHORTER THAN THAT FURNISHED BY [REDACTED] ON THE SUBJECT "THERMAL DIFFUSION". ALSO IN THIS PAPER UNDER THE [REDACTED] HEADING CONCLUSIONS, THE STATEMENTS WERE MADE THAT WHILE NOTHING HAS YET APPEARED IN THE LITERATURE USED AS A BIBLIOGRAPHY FOR THE ARTICLE REGARDING THE APPLICATION OF "THERMAL DIFFUSION" TO AN INDUSTRIAL PROCESS, SUCH WORK IS BEING INVESTIGATED AND FURTHER THAT IT IS CERTAIN THE FIRST PERSON TO SUBMIT PILOT PLANT PROOFS INDUSTRIAL USES WILL BE IN A KEY POSITION IN A NEW AND POTENTIALLY VAST FIELD. THUS THERE APPEARS, ALTHOUGH IT IS NOT CERTAIN, THAT THIS PAPER WAS PROBABLY WRITTEN BY SOMEONE PRIOR TO THE DECLASSIFICATION OF INFORMATION REGARDING THE PRACTICAL APPLICATION OF "THERMAL DIFFUSION" AS ATTEMPTED IN THE S FIFTY PROJECT AT OAK RIDGE. POSSIBLE ALSO THAT BROTHMAN IS THE AUTHOR OF THE

END PAGE TWO

~~TOP SECRET~~

~~TOP SECRET~~

PAGE THREE

PAPER FURNISHED BY INFORMANT OR THAT SOMEONE WORKING IN HIS FIRM WAS THE AUTHOR. COPIES OF THIS DOCUMENT BEING FORWARDED TO THE BUREAU AND WFO IN ORDER THAT IF BUREAU DEEMS ADVISABLE APPRAISAL BY RELIABLE OUTSIDE SOURCE CAN BE OBTAINED. ALSO BROTHMAN INFORMANT ALSO FURNISHED LPT OF SEVENTEEN PUBLICATIONS BY SUBJECT WRITTEN BETWEEN YEARS NINETEEN THIRTY NINE AND FORTY NINE, INDIRECTLY ON "THERMAL DIFFUSION". ONE IS ENTITLED ~~BATCH DASH~~ BATCH DASH CONTINUED PROCESS FOR BUNA DASH S, PUBLICATION CHEMICAL AND METALLURGICAL ENGINEERING, MARCH, FORTY THREE. THE INFORMANT ALSO FURNISHED FINANCIAL CONDITION OF BROTHMAN IN YEARS FORTY SIX AND FORTY SEVEN FOR INCOME TAX RETURNS FOR SEVERAL YEARS. COPIES OF ALL PERTINENT INFO FURNISHED BY INFORMANT WILL BE FORWARDED BUREAU AS SOON AS POSSIBLE.

SCHEIDT

HOLD PLS

cc: Mr Belmont  
Mr. Fairclough

~~TOP SECRET~~

FEDERAL BUREAU OF INVESTIGATION  
U. S. DEPARTMENT OF JUSTICE  
COMMUNICATIONS SECTION

TELETYPE

WASHINGTON 10 AND NY 2 FROM PHILADELPHIA 5-9-50  
DIRECTOR AND SAC.. U R G E N T

ABRAHAM BROTHMAN, WAS, ESP - R. REBUTEL TODAY. PHILA  
ADVISED NY BY TEL MAY EIGHT THAT HARRY GOLD WAS REPORTED  
RESIDING AT SIX EIGHT TWO THREE KINDRED ST., PHILA., AND TO BE  
EMPLOYED DURING THE DAY. GOLD-S EMPLOYMENT HAS NOT AS YET BEEN  
ASCERTAINED AND PHILA. IS MAINTAINING AN EARLY MORNING SURVEILLANCE  
ON GOLD IN EFFORT TO LOCATE HIS PRESENT EMPLOYMENT. GOLD DID NOT  
SEEK REEMPLOYMENT WITH THE PENNA. SUGAR CO., HIS LAST PLACE OF  
EMPLOYMENT IN PHILA.

CORNELIUS

END

BOTH AAD PLS

WA PH R 10 WA NRJ

NY PH R2 NY

RECORDED - 68

INDEXED - 68

MAY 17 1950

100-365840-41

cc: Mr. Bell

ALL INFORMATION CONTAINED

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DATE 1/25/87 BY 3042PWT/lmv

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65-58805

af 2-1

Mr. Tolson	
Mr. Ladd	
Mr. Clegg	
Mr. Glavin	
Mr. Nichols	
Mr. Rosen	
Mr. Tracy	
Mr. Harbo	
Mr. Belmont	
Mr. Mohr	
Tele. Room	
Mr. Nease	
Miss Gandy	

110/50 Phila  
5/10/50  
1 JUN 2 1950



FEDERAL BUREAU OF INVESTIGATION  
U. S. DEPARTMENT OF JUSTICE  
COMMUNICATIONS SECTION

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1950

TELETYPE

ar 2-1

Mr. Tolson	_____
Mr. Ladd	_____
Mr. Clegg	_____
Mr. Glavin	_____
Mr. Nichols	_____
Mr. Rosen	_____
Mr. Tracy	_____
Mr. Harbo	_____
Mr. Belmont	_____
Mr. Mohr	_____
Tele. Room	_____
Mr. Nease	_____
Miss Gandy	_____

WASHINGTON 94 FROM NEW YORK 5 11-42 P

DIRECTOR URGENT

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 11-08-87 BY 3043 PWT/1mw

ABRAHAM BROTHMAN, WAS, ESP-R. REBUTEL MAY FIVE. CONFIDENTIAL INFT  
EXPECTED TO FURNISH INFO THIS WEEKEND WHICH IT IS BELIEVED WILL HAVE  
MATERIAL EFFECT RE INTERVIEWS. INTERVIEWS CONTEMPLATED NEXT WEEK AND  
WILL BE CONDUCTED AT EARLIEST OPPORTUNITY. BUREAU AND ATLANTA WILL BE  
ADVISED AS TO EXACT DATES THESE TO COMMENCE. HARRY GOLD, ONE OF PERSONS  
TO BE INTERVIEWED, HAS NOT BEEN LOCATED THROUGH DISCREET INVESTIGATION  
AT LAST NY ADDRESS. NOT NOW CONNECTED WITH BROTHMAN. PHILA BEING  
REQUESTED BY SEPARATE TEL TO LOCATE GOLD THROUGH PERMANENT PHILA AD-  
DRESS.

SCHEIDT

HOLD 1 JUN 2 1950

RECORDED - 68

INDEXED - 68

100-365040-42  
MAY 17 1950

c 12 Mr. U. S. P. Hon

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XXXXXXFEDERAL BUREAU OF INVESTIGATION  
FOIPA DELETED PAGE INFORMATION SHEET

\_\_\_\_\_ Page(s) withheld entirely at this location in the file. One or more of the following statements, where indicated, explain this deletion.

- ☐ Deleted under exemption(s) \_\_\_\_\_ with no segregable material available for release to you.
- ☐ Information pertained only to a third party with no reference to you or the subject of your request.
- ☐ Information pertained only to a third party. Your name is listed in the title only.
- ☐ Documents originated with another Government agency(ies). These documents were referred to that agency(ies) for review and direct response to you.

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1 Page(s) withheld for the following reason(s):  
Deletion of document in Gold  
LS-57449-51

☐ For your information: \_\_\_\_\_

☒ The following number is to be used for reference regarding these pages:  
100-365040-NR 5-12-50

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2 Page(s) withheld for the following reason(s):

Disposition of document in Fuchs  
LS- 58805- 01153

☐ For your information: \_\_\_\_\_

☒ The following number is to be used for reference regarding these pages:

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# FEDERAL BUREAU OF INVESTIGATION

## FOIPA DELETED PAGE INFORMATION SHEET

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☐ For your information: \_\_\_\_\_

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Disposition of document in Sub 65-58805-  
922

☐ For your information: \_\_\_\_\_

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4

Page(s) withheld for the following reason(s):

*Disposition of document in Dolds*  
*LS- 57449 0-62*

☐ For your information: \_\_\_\_\_

☒ The following number is to be used for reference regarding these pages:

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Disposition of documents in Jack  
U.F. 58805-1206

☐ For your information: \_\_\_\_\_

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\_\_\_\_\_ Pages contain information furnished by another Government agency(ies). You will be advised by the FBI as to the releasability of this information following our consultation with the other agency(ies).

1 Page(s) withheld for the following reason(s):  
Disposition in File 65-58805-1206

☐ For your information: \_\_\_\_\_

☒ The following number is to be used for reference regarding these pages:

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LS- 58805-1195

☐ For your information: \_\_\_\_\_

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# FEDERAL BUREAU OF INVESTIGATION

Form No. 1

This Case Originated At NEW YORK

File No. 100-25134 PJ

Report Made at

Date When Made

Period For

Report Made By

BOSTON

5-24-50

Which Made  
4-14, 16, 18,  
5-5, 8, 15, 16, 20, 22-50

BRENTON S. GORDON

Title

Character of Case

ABRAHAM BROTHMAN, was.

SECURITY MATTER - C

## ADMINISTRATIVE

Synopsis:

"Mr. POWELL" is ROSS C. POWELL, an engineer with offices in the Park Square Building, Boston, Mass. Confidential source advises POWELL is an outstanding authority on the manufacture of artificial rubber; is currently working on the adaptation of military jet motors to commercial uses. Unable to positively identify "Mr. EARL". Unable to locate "Dr. RUANI" at Providence, Rhode Island. "Dr. MARIO L. OTTO LENCHI" is in fact Dr. MARIO OTTOLENGHI and he has allegedly been in New York City since 1947. (u)

- P -

Details:

MR. POWELL, Room 405, Park Square Building, Boston, Mass.

COPIES DESTROYED  
196 MAR 5 1963

The writer by pretext contact at Room 409, the Park Square Building, 31 St. James Avenue, Boston, Mass., ascertained that the former occupant of this space had been Mr. ROSS C. POWELL, an industrial engineer. Through the same source it was ascertained that POWELL is now affiliated with FLAGG, BRACKETT and DURGEN, Room 405, the

Approved and  
Forwarded

Special Agent  
in Charge

DO NOT WRITE IN THESE SPACES

Copies of this Report

- 5 Bureau
- 4 New York (1 NY 65-15136)  
(3 NY 100-95068)
- 3 Boston

RECORDED - 101  
INDEXED

100-365040-44

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
MAY 26 1950 DATE 4/28/87 BY 3042 RWT

JUN 9 1950

BS 100-25134

same building. Until recently, it was learned, POWELL had had independent space under the business name "Powell and Associates" at Room 409. (u)

The records of the Greater Boston Merchant's Credit Bureau reflect that ROSS C. POWELL is known at that agency as a consultant industrial engineer; that he had been sued in September, 1949, by the R & S Realty Company of Pawtucket, Rhode Island, and judgement was had against him in the amount of \$167.87. There were no references to him in the indices of the Boston Division and local directories fail to reflect that he resides in Boston proper. (u)

Boston T-1, of known reliability, is an industrial engineer. Boston T-1 advised that he was personally, but not well, acquainted with ROSS C. POWELL. Boston T-1 related that POWELL was employed until recently for a period of 5 years by the City Service Oil Company. Earlier employment was with the E. B. BADGER Company, Boston, Massachusetts (It is noted that independent inquiries conducted by the writer with reference to the E. B. BADGER Company have developed information reflecting that this firm had the lend lease contracts for the erection and operation of oil drilling and oil refining plants in the USSR during World War II). Boston T-1 stated that while with the Badger Company POWELL became nationally known as one of the nation's experts on the construction and operation of Buna plants. Boston T-1 noted that these plants were constructed for the creation of artificial rubber out of petroleum products. (u)

Boston T-1 stated that POWELL is extremely well regarded as a capable research engineer in the petroleum field. He has never been however, according to the informant, a financial success because of a poor personal sales approach. He has failed to capitalize upon his own

BS 100-25134

ability, according to T-1, and as a result is not particularly happy with the American business system. Boston T-1 noted, however, that he had never known POWELL to make any statements or to take any action indicating a sympathy for a foreign government or ideology. (u)

Boston T-1 stated that currently POWELL is associated with the above named firm in Room 405, in the Park Square Building, Boston. T-1 identified the partners of this firm to be WALTER E. FLAGG, WILLIAM H. BRACKETT and ARTHUR D. DURGEN. Boston T-1 stated that the dominating person in this firm is FLAGG. The firm describes itself as a group of "industrial engineers and experts on power equipment." Boston T-1 stated that the principal business of the firm was the sale of machinery and newly developed equipment to oil refiners. The firm is not only the agent for American manufacturers but also for certain foreign manufacturers such as Brown - Borui of Switzerland. The firm has employed POWELL in connection with a research engineering contract undertaken by it with an unknown principal for the conversion or adaptation of military jet turbines to industrial uses. All of the foregoing information was supplied by Boston T-1. (u)

The indices of the Boston Division contain no reference to POWELL or to any of the three named men who currently constitute his employing firm. (u)

"Mr. EARL, Cambridge, Mass."

Bell telephone and Polk city directories were checked going back to 1943 in both Boston and Cambridge and failed to reflect an engineer or engineering firm under the name "EARL". (u)

The current Bell directory reflects that ARTHUR H. EARLE, residing at 44 Linnaean, Cambridge, is listed as a contracting engineer with business address at 400 Boylston Street, Boston, Mass. (u)



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The records of the Greater Boston Merchants Credit Bureau reflected only that ARTHUR H. EARLE made an application for a loan at the First National Bank at Boston on May 11, 1950. There are no references to him in the indices of the Boston Division. The foregoing constitutes insufficient information to identify him with the captioned individual. (u)

Boston T-1, upon being asked if he knew an engineer named "EARL", stated that he believed there was a man named "DOUG EARL" associated with the above named ROSS C. POWELL. However Boston T-1 did not know EARL personally and could not provide additional information concerning him. There are no references to DOUG EARL in the indices of the Boston Division. (u)

"Dr. RUANI", Providence, Rhode Island

The following investigation was conducted by Special Agent Richard J. Gallagher at Providence, Rhode Island. (u)

The following sources were checked in an effort to identify Dr. RUANI with negative results: Providence Credit Bureau; Thomas Casey, Director of Medical Regulations, Department of Health, State of Rhode Island; JOHN E. FARRELL, Secretary, Rhode Island Medical Association; Miss BERNICE ORMSBEE, Faculty Office, Brown University; the Providence Police Department; and Providence Bell and Polk directories from 1944 to date. (u)

There are no references to the name "RUANI" in the indices of the Boston Division. (u)

"Dr. MARIO OTTO LENCHI", Providence, Rhode Island

The following investigation was conducted by Special Agent Richard J. Gallagher at Providence, Rhode Island. (u)

The above sources, referred to in the instance of Dr. RUANI, were checked with reference to LENCHI with negative results. (u)

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It was determined that 183 Brown Street, Providence, Rhode Island, was occupied until June 26, 1947, by Dr. MARIO OTTOLENGHI. It is believed likely that "OTTOLENGHI" is identical with OTTO LENCHI. Through confidential informant T-2 it was ascertained that OTTOLENGHI had moved from Providence, June 26, 1947, to 552 Riverside Drive, New York City. T-2 is of known reliability. (u)

The Providence City Directories reflect that in the years 1944, 1945 and 1946 Dr. OTTOLENGHI listed as employment "Director of Chemical Research", Taunton, Mass. The same directories reflect that LISSA OTTOLENGHI was employed as a bookkeeper by Roitman & Son, Inc., furniture dealers, 160 South Water Street, Providence, Rhode Island. (u)

Boston T-2 advised that 183 Brown Street has also been occupied by the Green Tutoring School and T-2 was of the impression that OTTOLENGHI had been affiliated, while in Providence, with Brown University. (u)

Miss ORMSBEE, mentioned above, could find no record reflecting that OTTOLENGHI had ever been affiliated with Brown University. (u)

- PENDING -

BS 100-25134

ADMINISTRATIVE

Checks at the Greater Boston Merchants Credit Bureau,  
62 Chauncey Street, Boston, Mass., were made by  
Special Employee Richard Kelly. (u)



BS 100-25134

LEADS

BOSTON DIVISION

At Leominster, Mass.

✓ Will identify HARRY LEVINE of the Commonwealth Plastics Company. *ful*

NEW YORK DIVISION

At New York City

Will identify Dr. MARIO OTTOLENGHI, 552 Riverside Drive, New York City. *u*

BS 100-25134

INFORMANT PAGE

Boston T-1 is HENRI PRUNARET, Consulting Engineer, the Koppers Coal Co., Boston, Mass., who resides at 17 Frost Street, Natick, Mass., and who is a personal friend of longstanding of the writer. (u)

Boston T-2 is OSCAR SWANSON, postal carrier, East Side Post Office, Providence, Rhode Island, who was contacted by SA Richard Gallagher. (u)

REFERENCE: Report of SA John R. Murphy, Jr., at NYC, dated 4-5-50. (u)

FD-72  
(1-10-49)

# FEDERAL BUREAU OF INVESTIGATION

Form No. 1

THIS CASE ORIGINATED AT **NEW YORK**

FILE NO. 100-4298 fg

REPORT MADE AT <b>ATLANTA</b>	DATE WHEN MADE <b>5-23-50</b>	PERIOD FOR WHICH MADE <b>5/11-17,19/50</b>	REPORT MADE BY <b>GEORGE P. DILLARD</b>
TITLE <b>EMIL JULIUS KLAUS FUCHS, was.</b>			CHARACTER OF CASE <b>ESPIONAGE - R</b>

**SYNOPSIS OF FACTS:**

ADMINISTRATIVE

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE **11-7-86** BY **3042 WHE**

GERHARD NORVAL WOLLAN interviewed at North Georgia College, Dahlonega, Georgia, on May 15 and 16, 1950. Information and description of contacts and associates of ABRAHAM BROTHMAN known to WOLLAN obtained and set out herein. WOLLAN associated with A. BROTHMAN and Associates August, 1944, to August, 1946. WOLLAN identified photograph of HARRY GOLD as person known to him under the name HARRY GOLD and FRANK KEPPLER. GOLD is chemist with some chemical engineering experience but is not a physicist and was employed by A. BROTHMAN in 1946. All partners affiliated with A. BROTHMAN and Associates were friendly with the Soviet Union. Photo of Dr. WILLIAM H. JONES, JR., enclosed.

-RUC-

**DETAILS:**

This is a joint report of SA LESTER G. DAVIS and the writer.

GERHARD NORVAL WOLLAN who is employed as Associate Professor, Mathematics Department, North Georgia College, Dahlonega, Georgia, was interviewed by SA LESTER G. DAVIS and the writer on May 15 and 16, 1950, at which time he furnished the following information.

WOLLAN was affiliated with the partnership of A. BROTHMAN and Associates from August, 1944, until August, 1946, and was employed as

APPROVED AND  
FORWARDED:

SPECIAL AGENT  
IN CHARGE

DO NOT WRITE IN THESE SPACES

*John C. Bell*

100-365040-45

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58 JUN 12 1950

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AT 100-4298

**Superintendent in the Laboratory.**

WOLLAN first met BROTHMAN through MORRIS SCHILLER who operates a paint business known as M. SCHILLER, Inc., Brooklyn, New York. WOLLAN was unemployed at the time and met SCHILLER through Mrs. BEN (LENA) ROTH, Brooklyn, New York. WOLLAN was first employed by BROTHMAN in the Regal Chemical Company, New York City, New York. BROTHMAN had some personal difficulties with one ARTHUR P. WEBER and because of his past experience when he felt that he had been gypped by some of his associates and financial backers, BROTHMAN desired to open a business of his own.

BROTHMAN had secured retainer contracts with the Bridgeport Brass Company, Bridgeport, Connecticut, the Graver Tank Company, and the Heilig Chemical Company operated by THEODORE HEILIG. These retainers were to be used "as bread and butter money" if the firm could become established and secure new business. The partnership was formed and partnership papers for the concern doing business as ~~THE BROTHMAN and Associates~~ were filed in New York City. The partners were ABRAHAM BROTHMAN, GERHARD NORVAL WOLLAN, JULES KORCHIEN, OSCAR J. VIGOE, and ETL Z. BARISH.

WOLLAN first stated that the Laboratory for A. BROTHMAN and Associates was set up at Elmhurst, Long Island, New York, with an initial outlay of approximately \$2,000. This Laboratory was set up several months after the partnership was first formed.

A contract was obtained by BROTHMAN with the Chinese Purchasing Commission for designing a plant for a continuous process of manufacturing PET. BROTHMAN secured this contract through Y. O. TUNG and C. S. TAN of the Chinese Purchasing Commission. BROTHMAN was placed in contact with these individuals through a mutual acquaintance, one SIMONS, who had written some standard books concerning plastics. In order to secure the Chinese contract, it was necessary for A. BROTHMAN and Associates to establish financial responsibility. One BERNARD PIDTO, also known as BERNIE PIDTO, agreed to furnish financial backing and desired to come into the partnership but BROTHMAN would not take him in. PIDTO loaned BROTHMAN approximately \$10,000. WOLLAN also later changed his story concerning the establishing of the Laboratory and stated that PIDTO put up approximately \$5,000. or



AT 100-4298

\$10,000. to establish the Laboratory. WOLLAN estimated that PIDTO had loaned BROTHMAN a total of approximately \$20,000. which sum WOLLAN believed was repaid to PIDTO from the proceeds of the partnership.

At the time the partnership was formed BROTHMAN, because of his distrust of other people, desired and did maintain control of the partnership. WOLLAN and the other partners except BROTHMAN were to receive a salary of \$100. per week. BROTHMAN was to receive a larger salary, but the exact amount was unknown to WOLLAN.

1. BROTHMAN and Associates during WOLLAN's connection with the firm did work for the Palestine Potash Company; an oil company in Texas, the name of which he could not recall, and a cigarette lighter company, the name of which he could not recall, in an attempt to obtain a contract or under a contract.

MIRIAM MOSKOWITZ was employed by 1. BROTHMAN and Associates as a stenographer after the Chinese Government contract was obtained. MOSKOWITZ was later taken into the firm as a partner over the objection of WOLLAN.

WOLLAN identified the photograph of HARRY GOLD as being the person whom he knew under the name of HARRY GOLD and FRANK EPPLER. GOLD, according to WOLLAN, was a chemist with possibly some chemical engineering experience but was not a physicist or physical chemist. GOLD lived in Philadelphia and was married to his second wife by whom he had two small children. When first employed by 1. BROTHMAN and Associates he was only a part-time employee and worked two or three days at a time commuting from Philadelphia. WOLLAN was under the impression that GOLD had other employment also at the same time. After working with the firm for two or three months, GOLD was hired as a full-time employee. During this time GOLD maintained a house in Philadelphia and returned to Philadelphia on the weekends. GOLD when first employed worked in the office of 1. BROTHMAN and Associates on 32nd Street in New York City and would visit the Laboratory at Elmhurst making sketchings, drawings, and conducting tests of his own, apparently under the personal instructions of BROTHMAN. Although WOLLAN was in charge of the

AT 100-4298

Laboratory at Elmhurst at that time the details of the sketches, drawings, and tests made by GOLD were unknown to him.

The relation between BROTHMAN and WOLLIN became somewhat strained due to disagreement in policy concerning the securing of certain contracts and other matters of policy concerning business matters. WOLLIN got the impression that BROTHMAN had known GOLD for some time and GOLD appeared to be taking WOLLIN's place in BROTHMAN's confidence. By August of 1946, WOLLIN felt that he was a partner in name only and could see no future in remaining with A. BROTHMAN and associates and resigned as a partner. GOLD then replaced WOLLIN as Superintendent of the Laboratory at Elmhurst.

WOLLIN denied knowing EMIL JULIUS KLAUS FUCHS or the WEINSTEIN's. He also denied ever having been in the states of Massachusetts or New Mexico.

WOLLIN volunteered that all of the members of the partnership of A. BROTHMAN and associates as well as himself had a friendly feeling toward and respect for the Soviet Union. WOLLIN related his father died and left him as the sole support for his family. During the depression years WOLLIN heard the subject of Communism discussed frequently and became interested in it. In 1936 while employed by the Home Life Insurance Company, New York City, WOLLIN purchased a copy of KARL MARX's book, "Das Kapital", and read it closely with the idea of trying to understand exactly what the author was saying. WOLLIN spoke very highly of "Das Kapital" stating that KARL MARX had made a great contribution to society and to the solution of the economic situation in writing "Das Kapital" which he stated MARX wrote as his thesis for his Ph.D. degree. WOLLIN stated that he was very closely interested in the Communist Party policy in the United States from 1936 to 1945 but that he is not now a member of the CP and is not now in sympathy with the present policies of the CP in the United States. He stated, however, that he does not try to hide his interest in Communism or his friendly feeling toward the Soviet Union. WOLLIN did not admit or deny that he had been a member of the CP, stating that he did not want to place himself in a position where he

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would be questioned as to whether someone else was or ever had been a member of the CP. WOLLAN said that his feeling toward the CP in the United States changed in 1945 when the party ousted EARL BROWDER. He explained that this indicated a definite change of policy of the CP in the United States and that he did not agree with this change of policy.

The above interview with WOLLAN is more completely reported in the report of SA GEORGE P. DILLARD dated May 22, 1950, in the case entitled "ABRAHAM BROTHMAN, wa., ESPIONAGE - R", in which case the New York Office is the office of origin.

The following investigation was conducted by SA PAUL F. TIERNEY:

Mr. L. L. CLEGG, Director of admissions, Emory University, Atlanta, Georgia, made available the 1948 edition of "The Campus", yearbook published at Emory University. Instant yearbook contained a photograph of Dr. WILLIAM HENRY JONES, JR., and copies of this photograph are being forwarded to the Bureau, Boston, and New York Divisions as enclosures to this report.

WOLLAN furnished descriptions of the following persons who were contacts or associates of ABRAHAM BROTHMAN to SA LESTER G. DAVIS and the reporting Agent:

Name	THEODORE HEILIG
Residence	One of the New York City Boroughs
Race	White
Sex	Male
Age	45-50
Height	5'8"
Weight	165-170
Characteristic	Aggressive
Marital status	Married. Wife: <del>LEE</del> or LILIAN
Occupation	Salesman
Hair	Partially bald

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Age	50
Height	5'7"
Weight	160
Build	paunchy
Hair	Dark, partially bald
Peculiarities	Wears glasses
Marital status	Married. 2 children, Boy, 8 or 9 yrs. of age in 1945. Baby born in 1945.
Occupation	Civil Engineer.

Name	JULES KORCHEIN
Residence	Manhattan
Race	White
Sex	Male
Age	50
Height	6'
Weight	160
Hair	Dark, sparse
Eyes	Blue
Peculiarities	Wears glasses. Mustache.
Marital status	Divorced.
Occupation	Architect.

The following is the description of ABRAHAM BROTHMAN as furnished by WOLLAN:

Name	ABRAHAM BROTHMAN
Race	White
Sex	Male
Residence	Queens (Sunnyside) New York
Age	40
Height	5'7"
Weight	190
Build	Heavy
Hair	Dark
Eyes	Brown
Marital status	Married. 2 children. Daughters, aged 6 (or 7) and 1.
Occupation	Chemical engineer.



AT 100-4298

Age	30
Height	5'7"
Weight	125
Hair	Blond
Marital status	Single
Characteristic	Wears glasses. Pleasant smile.

Name	<del>PERCY NADEL</del>
Race	White
Sex	Male
Age	40
Height	5'10"
Build	Husky

Name	<del>BERNARD KOOPMAN</del>
Race	White
Sex	Male
Age	In 40's
Height	5'8"
Build	Slender
Characteristic	Wears glasses.

Name	<del>EMIL Z. BARISH</del>
Residence	Queens, New York
Race	White
Sex	Male
Age	38 - 40
Height	6'
Weight	175-180
Build	Well built
Complexion	Dark
Marital status	Married. Two or three children.
Occupation	Mechanical engineer.

Name	<del>OSCAR A. VAGOE</del>
Residence	Forrest Hills, Queens, New York
Race	White
Sex	Male

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Eyes  
Marital status  
Occupation  
Peculiarities

Brown  
Married  
Chemist  
Quiet.

Name  
Residence  
Race  
Sex  
Age  
Height  
Hair  
Weight  
Build  
Complexion  
Marital status  
  
Occupation

~~ARTHUR WEBER~~  
Brooklyn, New York  
White  
Male  
30  
5'8" or 9"  
Blond  
165 pounds  
Well built  
Light  
Married.  
One child born about 1944.  
Chemical engineer.

Name  
  
Residence  
Race  
Sex  
Height  
Age  
Weight  
Build  
Marital status  
  
Hair  
Eyes  
Characteristic  
Occupation

HARRY GOLD  
Alias FRANK KEPPLER  
Philadelphia, Pa.  
White  
Male  
5'0"  
40  
175  
Chunky  
Married. Possibly second wife.  
Two children by second wife.  
Dark, receding forehead  
Brown  
Round face  
Chemist - but not a physicist.

Name  
Residence  
Race  
Sex

MIRIAM MOSKOWITZ  
Bayonne, New Jersey; Apartment, New York City  
White  
Female

AT 100-4299

Name  
Residence  
Race  
Sex  
Age  
Height  
Build  
Complexion  
Characteristic

ISADORE ~~HALPERIN~~  
New York City  
White  
Male  
In 50's  
5'8"  
Slight  
Dark  
Wears glasses.

Name  
Residence  
Race  
Sex  
Hair  
Complexion  
Eyes  
Height  
Weight  
Marital status

SOL ~~FRANSHEL~~  
Bronx, New York  
White  
Male  
Dark  
Dark  
Brown  
5'10"  
170-175  
Married. 2 small children.

Name  
Residence  
Race  
Sex  
Born  
Height  
Weight  
Build  
Eyes  
Marital status  
Peculiarities  
Occupation

ROLF SIDNEY ~~WOLLAN~~  
Glenwood, Minnesota  
White  
Male  
Glenwood, Minnesota.  
6'2"  
160  
Slender  
Brown  
Single  
Wears glasses  
Teacher; math professor.

Name  
Residence  
Race  
Sex  
Height  
Weight  
Hair

WILLIAM (BILL) ~~WOLLAN~~  
Bronx, New York  
White  
Male  
5' 8"  
155-160 pounds  
Brown

AT 100-4288

Name	<del>CLARK</del>
Residence	Brooklyn, New York
Race	White
Sex	Male
Height	5'10" or 11"
Weight	190
Occupation	Salesman
Hair	blondish, partially bald.
Characteristics	Fleshy face; obese.
Marital status	Married

Name	<i>Mr + Mrs</i> <del>BERNARD (BERNIE) PIDTO</del>
Race	White
Sex	Male
Address	783 Troy Avenue, Brooklyn, New York
Age	45-50
Height	5'8"
Weight	150
Hair	Dark
Eyes	Brown
Complexion	Dark
Born	Brooklyn or New York City
Marital status	Married. Wife: ROSE <del>PIDTO</del> 2 children, age 8 - boy age 12 - girl (1945)
Occupation	Salesman

Name	<del>CY SILVERSTEIN</del>
Address	Brooklyn
Race	White
Sex	Male
Height	5'8"
Weight	150-155
Age	Early 20's
Hair	Dark
Eyes	Brown
	Wears glasses
Occupation	Chemist

ENCLOSURES TO BUREAU, BOSTON, AND NEW YORK: 2 photos each of Dr.  
WILLIAM HENRY JONES, JR.

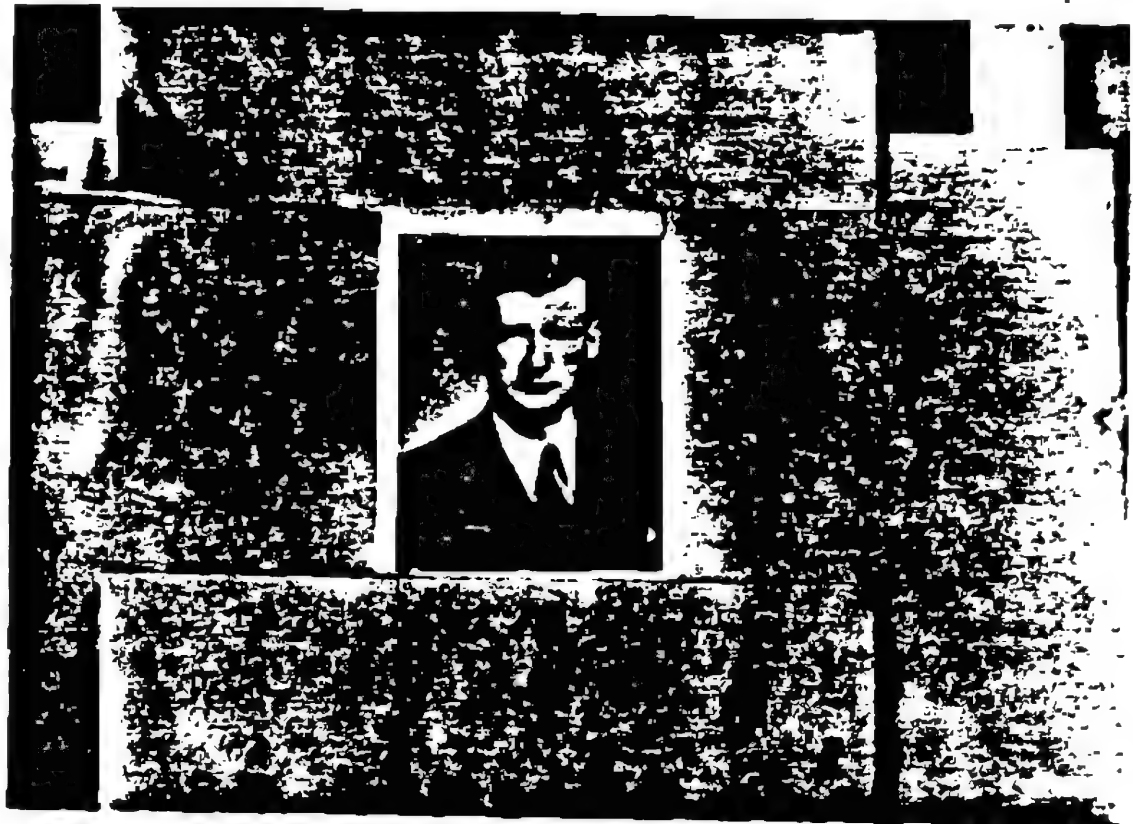
- REFERRED UPON COMPLETION TO THE OFFICE OF ORIGIN -



AT 100-4298

REFERENCE PAGE

Report of S: JOHN R. MURPHY, JR., dated 3-9-50, at New York.



XXXXXX  
XXXXXX  
XXXXXXFEDERAL BUREAU OF INVESTIGATION  
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X FOR THIS PAGE X  
XXXXXXXXXXXXXXXXXXXXX

## Office Memorandum • UNITED STATES GOVERNMENT

TO : Director, FBI

FROM : SAC, Los Angeles

DATE: May 25, 1950

SUBJECT: ABRAHAM BROTHMAN, wa.  
ESPIONAGE - R

~~SECRET~~~~SECRET~~

Reference report of SA GILMER G. ROBINSON, Los Angeles, dated May 19, 1950. (u)

On page 9 of this report, information is set forth that certain photographs were shown to JULES KORCHIEN. The name of HARRY GOLWINNE should be HARRY GOLD. (u)

The Bureau and all Offices receiving a copy of this letter are requested to note this correction on the above report. (u) 4/28/81

Classified by 3042 RUT/cl  
Declassify on: OADR

GGR/mlw  
65-5033

cc - New York  
Atlanta  
Boston  
Washington Field  
San Francisco

APPROPRIATE AGENCIES  
AND FIELD OFFICES  
ADVISED BY ROUTING  
SLIP(S) OF

DATE

Classification  
6/1/78 JH

Re Index & this  
Serial. 10/10/60

Classified by 2533 WAB/00N  
Exempt from GDS Category 243  
Date of Declassification Indefinite

RECORDED - 114

INDEXED - 114

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52 JUN 28 1950

~~SECRET~~



Office Memorandum • UNITED STATES GOVERNMENT

TO : Director, FBI

DATE: 5/19/50

FROM : SAC, Baltimore

SUBJECT: ABRAHAM BROTHMAN, wa.  
ESPIONAGE - R  
(Bureau file 100-365040)

Rebulet dated 4/28/50, requesting the Baltimore Office to contact its informant to determine all available information concerning the employees of BROTHMAN at the concerns known as Abraham Brothman & Associates and Ebraham Brothman and Associates Laboratory.

[redacted] was contacted and it was ascertained that [redacted] advised that according to his records a total of 12 individuals have been employed by Abraham Brothman & Associates since this concern first came to [redacted] attention in 1945.

[redacted] advised that in 1945 the concern's name was reflected as follows: A. Brothman, Oscar J. Vago, G. N. Wollan, Etal, dba A. Brothman & Associates, 114 E. 32nd Street, New York City. As of 1949 the title of the concern was listed as follows: Abraham Brothman and Miriam Moskowitz, dba A. Brothman & Associates, 2928 41st Avenue, Long Island City, N.Y.

[redacted] has no information concerning a concern bearing the name Abraham Brothman & Associates Laboratory.

[redacted] has no background information concerning G. N. WOLLAN or OSCAR J. VAGO, listed above as associates of BROTHMAN. The informant likewise has no background information concerning BROTHMAN himself. The names of the individuals who have been employed by A. Brothman & Associates, together with available background information and their employment records, are set forth below.

Name  
Residence

WILLIAM RONALL

Born  
Sex  
Race  
Social Security #  
Father  
Mother  
Employment

JCT/mt  
65-1742

RECORDED - 88

cc - Albany  
New York City

INDEXED - 88

100-365040-47

1950

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DATE 11/14/86 BY 3042 Pst/om

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L/Director  
RE: ABRAHAM BROTHMAN, wa.  
ESPIONAGE - R

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Name  
Residence

SON YEANSHEL

Born  
Sex  
Race  
Social Security #  
Father  
Mother  
Employment

Mr. d/11r

b7C  
per SS

[REDACTED]

L/Director  
RE: ABRAHAM BROTHMAN, wa.  
ESPIONAGE - R

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

b7c  
per  
SS

Name  
Residence

HERSEY MARINOVITCH

Born  
Sex  
Race  
Social Security #  
Father  
Mother  
Employment

Mr. & Mrs.

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

b7c  
per  
SS

L/Director  
RE: ABRAHAM BROTHMAN, wa.  
ESPIONAGE - R

67c per ss

Name  
Residence

ROBERT GERSON

Born  
Race  
Sex  
Social Security #  
Father  
Mother  
Employment

[REDACTED]

Name  
Residence  
Born  
Sex  
Race  
Father  
Mother  
Social Security #  
Employment

ROBERT LIPPIN



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DATE 12-14-2011 BY 60322 UCBAW

*[Redacted]*

[illegible]

[REDACTED]

\_\_\_\_\_

*[REDACTED]*

\_\_\_\_\_

1. [REDACTED]

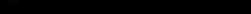
\_\_\_\_\_

$\frac{d}{dt} \left( \frac{1}{\rho} \right) = - \frac{1}{\rho^2} \frac{d\rho}{dt}$

2. The second part of the paper is devoted to the study of the asymptotic behavior of the solutions of the problem (1.1) as  $\epsilon \rightarrow 0$ . It is shown that the solutions of the problem (1.1) converge to the solutions of the problem (1.2) in the sense of the weak convergence in the space  $L^2(\Omega)$ . The asymptotic behavior of the solutions of the problem (1.1) is also studied in the case of a nonuniformly elliptic operator.

ROBERT KELT TOFENSEND

...the ... of ...



[REDACTED]

Page 4 of 10

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

*[REDACTED]*

\_\_\_\_\_

67c  
per  
SS

L/Director  
RE: ABRAHAM BROTHMAN, wa.  
ESPIONAGE - R

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

b7c  
per  
SS

Name  
Residence

SIDNEY ~~W~~MANDELKORN

Born  
Sex  
Race  
Father  
Mother  
Social Security #  
Employment

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

L/Director  
RE: ABRAHAM BROTHMAN, wa.  
ESPIONAGE - R

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Name  
Residence

~~HAROLD~~

Born  
Sex  
Race  
Father  
Mother  
Social Security #  
Employment

[REDACTED]

b7c  
per  
SS

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

L/Director  
RE: ABRAHAM BROTHMAN, wa.  
ESPIONAGE - R

Name  
Residence

SHOLEY SILBERSTEIN

Born  
Sex  
Race  
Father  
Mother  
Social Security #  
Employment

m. & m.

b7c  
pu  
SS

Name  
Residence

MILTON YUSEM

Born  
Race  
Sex  
Father  
Mother  
Social Security #  
Employment

m. & m.



L/Director

RE: ABRAHAM BROTHMAN, wa.  
ESPIONAGE - R

[REDACTED]

Name  
Residence

RUTH LEAH LEWIN, aka Ruth L. Joeliger

Born  
Sex  
Race  
Father  
Mother  
Social Security #  
Employment

[REDACTED]

b7c  
per  
SS

[REDACTED]

22  
66  
1/6

L/Director  
RE: ABRAHAM BROTHMAN, wa.  
ESPIONAGE - R

Name  
Residence

MIRIAM RACHAEDY ROSKOWITZ

Born  
Sex  
Race  
Father  
Mother  
Social Security #  
Employment (  
June 1937

b7c  
per  
SS.

A copy of this letter is being furnished to the Albany Office for possible assistance in the investigation being conducted by that office.

RUC

FEDERAL BUREAU OF INVESTIGATION  
U. S. DEPARTMENT OF JUSTICE  
COMMUNICATIONS SECTION

MAY 19 1950

~~TOP SECRET~~ TELETYPE

Mr. Tolson	_____
Mr. Ladd	_____
Mr. Clegg	_____
Mr. Glavin	_____
Mr. Nichols	_____
Mr. Rosen	_____
Mr. Tracy	_____
Mr. Harbo	_____
Mr. Belmont	_____
Mr. Mohr	_____
Tele. Room	_____
Mr. Nease	_____
Mr. Gandy	_____

WASH FROM NEW YORK

4

19

1-14

P

DIRECTOR

URGENT

SECRET

ABRAHAM BROTHMAN, ~~TOP SECRET~~ ESP-R. ARRANGEMENTS MADE MAY ONE NINE TO REVIEW SUBJECT-S FILES NINE AM MAY TWO TWO. SUBJECT RETURNED FROM CLIFFWOOD, N.J. WHERE HE HAS BEEN WORKING STEADILY AND WITH MINIMUM OF SLEEP SINCE MORNING MAY ONE SIX LAST. IS NOW PHYSICALLY AND MENTALLY EXAUSTED. HIS PRESENCE CLIFFWOOD DURING ABOVE PERIOD VERIFIED BY PRETEXT TELEPHONE CALL. SURVEILLANCE VICINITY HIS OFFICE ~~TOP SECRET~~

~~TOP SECRET~~ SURVEILLANCE OF HIS OFFICE BEING DISCONTINUED FIVE PM MAY ONE NINE. IN VIEW PRESENT COOPERATIVE ATTITUDE OF SUBJECT ABOVE PROCEDURE DEEMED PRACTICAL AND ADVISABLE. BUREAU WILL BE ADVISED OF ALL DEVELOPMENTS. (TS) 4 R

SCHEIDT

HOLD PLS

APPROPRIATE AGENCIES  
AND FIELD OFFICES  
ADVISED BY ROUTING  
SLIP(S) OF

Classified by 2533  
Exempt from GDS, Category 2-3  
Date of Declassification Indefinite

END

NY R 4 WA DCE 1500

53 JUN 3 1950

Classified by 3042  
Declassify on: OADR  
11/14/86

~~TOP SECRET~~  
~~TOP SECRET~~

SECRET

CC Mr. Lamphear

100-57449  
UNRECORDED COPY FILED IN



FEDERAL BUREAU OF INVESTIGATION  
UNITED STATES DEPARTMENT OF JUSTICE

CC-150

To: COMMUNICATIONS SECTION.

CLASSIFIED BY: 2042/PAT/CB  
DECLASSIFY ON: OADR  
2-18-87

Transmit the following message to:

SAC, NEW YORK

014270

May 19, 1950

~~TOP SECRET~~

~~TOP SECRET~~

ATLANTA  
PHILADELPHIA  
LOS ANGELES

APPROPRIATE AGENCIES AS  
AND FIELD OFFICES  
ADVISED BY ROUTING  
SLIP(S) OF

ABRAHAM BROTHMAN, WA.,

RE: M.

RE ATLANTA TEL MAY SEVENTEEN REFLECTING BERNARD WOLLAN STATED A. BROTHMAN  
AND ASSOCIATES LABORATORY, ELLENBURG, L.I., UNUSUALLY STARTED WITH INVESTMENT  
APPROXIMATELY TWO THOUSAND DOLLARS.

obtain all possible details re two thousand dollar investment. This matter  
should be taken up in all interviews by other offices so obtain every detail  
possible. BROTHMAN in particular should be vigorously questioned regarding  
this and his books and records relating to obtain all info necessary to trace  
these funds. WOLLAN stated one ELI, who wrote couple standard books on  
plastics, introduced BROTHMAN to Y. O. FANG and S. S. FANG of CHINESE GOVERNMENT  
PURCHASING COMMISSION, from whom BROTHMAN obtained first contract after firm  
organized. In December, forty six, MIRIAM MOSKOWITZ claimed she and BROTHMAN  
had talked with group of CHINESE MEMBERS OF CHANG KAI-SHIK GOVERNMENT who had  
very fine apartment toward Soviet Union. In interview near in New York City  
CHINESE CONTRACT arranged for BROTHMAN as means of financing firm. FANG  
and WANG should be further identified and local investigation conducted

CONCERNED THEM

INDEXED - 104

TELETYPE

MAY 20 1950

FEDERAL BUREAU OF INVESTIGATION  
U. S. DEPARTMENT OF JUSTICE  
COMMUNICATIONS SECTION

SENT VIA

~~TOP SECRET~~

Per

RECORDED COPY FILED IN 65-58805-1222



FEDERAL BUREAU OF INVESTIGATION  
U. S. DEPARTMENT OF JUSTICE  
COMMUNICATIONS SECTION

1950

TELETYPE

103042

Mr. Tolson	✓
Mr. E. A. Tamm	✓
Mr. Clegg	✓
Mr. Glavin	✓
Mr. Ladd	✓
Mr. Nichols	✓
Mr. Rosen	✓
Mr. Tracy	✓
Mr. Harbo	✓
Mr. Mohr	✓
Mr. Winterrowd	✓
Mr. Nease	✓
Miss Gandy	✓

WASHINGTON 1 NEW YORK 2 FROM PHILADELPHIA 5-21-50

DIRECTOR AND SAC-S NEW YORK AND WFO URGENT

ABRAHAM BROTHMAN, ESP. - R. GOLD INTERVIEWED THIS AFTERNOON THREE

THIRTY PM UNTIL SEVEN TWENTY PM. CONTINUES TO DENY ANY ASSOCIATION OR ACQUAINTANCE WITH FUCHS. SAID THAT IN CONNECTION WITH HIS THERMAL DIFFUSION PROCESS HE CONSIDERED OPENING A SMALL LABORATORY HIMSELF FOR THE PURPOSE OF CONDUCTING EXPERIMENTS ON THE PROCESS. AND IF SUCCESSFUL, WOULD THEN CONTACT A NUMBER OF COMPANIES TO INTEREST THEM IN THE PROCESS. SAID THAT HE HAD CONTACTED A NUMBER OF COMPANIES SOME YEARS AGO IN AN EFFORT TO INTEREST THEM IN PRACTICAL APPLICATION OF THE PROCESS TO INDUSTRY AND PRODUCTION. SAID THAT HE HAD FIGURED THAT IT WOULD COST ABOUT A THOUSAND DOLLARS OR SO OR MIGHT EVEN BE SET UP FOR ABOUT FIVE HUNDRED. GOLD SAID THAT BROTHMAN'S ELMHURST LABORATORY WAS

SET UP SOMETIME BETWEEN JANUARY AND MAY NINETEEN FORTY FIVE. ATTENTION

IS CALLED TO FACT THAT SOURCE SAID THAT UNSUBS LABORATORY PICTURE

WOULD NOT BE ANY CLEARER UNTIL AT LEAST JANUARY NINETEEN FORTY FIVE.

SEARCH AT PREMISES WILL START EIGHT FIFTEEN AM TOMORROW. HAS AGREED

TO SIGN A STATEMENT TO ANY OF THE FACTS HE HAS GIVEN UP TO NOW.

GOLD WORKING AT HOSPITAL TONIGHT. MOTION PICTURES AND STILLS OF GOLD

TAKEN WITH HIS PERMISSION BEING DEVELOPED LOCALLY FIRST THING IN

MORNING FOR TRANSMITTAL. ARRANGEMENTS WILL BE MADE WITH GOLD TOMORROW

MORNING FOR NEXT INTERVIEW

CORNELIUS

NO FIELD OFFICES ADVISED BY ROUTING SLIP (S) OF CLASSIFICATION

DECLASSIFIED BY 3042  
ON 11/12/86  
RECORDED  
INDEXED - 34  
Classified by 2365  
Exempt from GDS  
Date of 10/21/85  
100-365040-50

ROLL BACK AND ACK NY FORST

CHY AK

NY 2 2 2 PH

5 2 JUN 5  
PH 2 1 WA JIN

TWO COPIES TO

0.9/11 Belmont

XXXXXX  
XXXXXX  
XXXXXX

# FEDERAL BUREAU OF INVESTIGATION

## FOIPA DELETED PAGE INFORMATION SHEET

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- ☐ Deleted under exemption(s) \_\_\_\_\_ with no segregable material available for release to you.
- ☐ Information pertained only to a third party with no reference to you or the subject of your request.
- ☐ Information pertained only to a third party. Your name is listed in the title only.
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14 Page(s) withheld for the following reason(s):  
Disposition of document in Gold LS-57449-  
LS

☐ For your information: \_\_\_\_\_

☒ The following number is to be used for reference regarding these pages:

100-365040-NR 5-20-50

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## Office Memorandum • UNITED STATES GOVERNMENT

TO : MR. A. H. BELMONT *JS*DATE: May 22, 1950 *22-1*FROM : J. J. WARD *JW*SUBJECT: ABRAHAM BROTHMAN  
ESPIONAGE - R

Tolson \_\_\_\_\_  
Ladd \_\_\_\_\_  
Clegg \_\_\_\_\_  
Glavin \_\_\_\_\_  
Nichols \_\_\_\_\_  
Rosen \_\_\_\_\_  
Tracy \_\_\_\_\_  
Harbo \_\_\_\_\_  
Mohr \_\_\_\_\_  
Tele. Room \_\_\_\_\_  
Nease \_\_\_\_\_  
Gandy \_\_\_\_\_

PURPOSE

To furnish you results of interview with Harry Gold by the Philadelphia office on May 20, 1950, as furnished telephonically by Agent Harzenstein of that office.

DETAILS

Agent Harzenstein called at 6:05 P.M., May 20, and stated that Gold was in the Philadelphia office at that time and had been interviewed for a short period on that date. He said the interview of this date had not been productive, because Gold is weary from extensive interview conducted on May 19, 1950. He has agreed to further interview tomorrow, May 21, 1950, and the search of his residence, which Gold wants to have conducted when his father and brother are out, is scheduled for Monday, May 22, 1950.

Agent Harzenstein asked whether the Bureau has objection to additional photographs of Gold being taken in the Philadelphia office. This would, of course, be done with Gold's knowledge and consent. He wished to be advised by the Bureau on this question.

Mr. Hennrich approved the request relative to photographing Gold, and Agent Crull of the Philadelphia office was so advised telephonically at 8:30 P.M., May 20, 1950.

ACTION: For your information.

JJW:hb

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 11/14/86 BY 3042 GUT/elm

RECORDED - 86  
INDEXED - 88

100-365040-51  
MAY 23 1950  
34-6-1

08-XJ

215  
E.L.R. 10

59 JUN 5 1950

65-5749-1  
RECEIVED AND FILED IN 65-5749-1

FEDERAL BUREAU OF INVESTIGATION  
U. S. DEPARTMENT OF JUSTICE  
COMMUNICATIONS SECTION

MAY 23 1950

TELETYPE

Classified By 2532 OAB/STC  
Exempt from GDS, Category 2  
Date of Declassification Indefinite

~~SECRET~~

11-786  
Classified by 3x12 PWT/STC  
Declassify on: OADR

Mr. Tolson	_____
Mr. Ladd	_____
Mr. Clegg	_____
Mr. Glavin	_____
Mr. Nichols	_____
Mr. Rosen	_____
Mr. Tracy	_____
Mr. Harbo	_____
Mr. Belmont	_____
Mr. Mohr	_____
Tele. Room	_____
Mr. Nease	_____
Miss Gandy	_____

WASHINGTON FROM NEW YORK 48

DIRECTOR URGENT

23 1042P  
APPROPRIATE AGENCIES  
AND FIELD OFFICES  
ADVISED BY ROUTING  
SLIP(S) OF  
THIS 4-7-78

ABRAHAM BROTHMAN, WA [REDACTED] ESP - R. REMYTEL MAY TWENTY SECOND LAST.  
EXAMINATION OF BROTHMAN-S GENERAL BUSINESS FILES AND FINANCIAL RECORDS  
COMPLETED. THESE SHOW FORMATION OF FIRM OF A BROTHMAN AND ASSOCIATES  
IN AUGUST, FORTY FOUR AND SUBSTANTIATE BROTHMAN-S STORY GIVEN BY AGENTS  
IN INTERVIEWS REGARDING FORMATION AND OPERATION OF FIRM. THERMAL  
DIFUSION ARTICLE NOT LOCATED BROTHMAN-S FILES. IN FUTURE INTERVIEWS  
WITH BROTHMAN HE WILL BE SPECIFICALLY QUESTIONED AS TO DISPOSITION OF  
ARTICLE ON THERMAL DIFUSION GIVEN HIM BY GOLD.

SCHEIDT

LINE 4 WD 10 SHD BE "NY" NOT "BY"

HOLD PLS

cc: [Signature]

53 JUL 3 1950

~~SECRET~~

INDEXED - 30  
RECORDED - 30  
02-13

100-365040 52  
JUN 11 1950  
[Signature]



XXXXXX  
XXXXXX  
XXXXXXFEDERAL BUREAU OF INVESTIGATION  
FOIPA DELETED PAGE INFORMATION SHEET1

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For your information: \_\_\_\_\_

\_\_\_\_\_



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100 -365040 -53

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REPORT  
of the



FEDERAL BUREAU OF INVESTIGATION  
WASHINGTON D. C.

APPROPRIATE AGENCIES  
AND FIELD OFFICES  
ADVISED BY ROUTING  
SLIP(S) OF

May 25, 1950

**SECRET**

To: SAC, Philadelphia

There follows the report of the FBI Laboratory on the examination of evidence received from your office with two separate letters on May 23, 1950, and evidence submitted by the New York office with a letter dated May 10, 1950.

Re: ABRAHAM BROTHMAN  
ESPIONAGE - R

**SECRET**

Classified by 11/4/86  
Declassify at OADR

YOUR FILE NO.  
FBI FILE NO.  
LAB. NO.

65-4518  
100-365040-25-26  
B-116939 EE  
B-116940 EE

Examination requested by:

Philadelphia and New York

Reference:

Letters dated May 20, 1950, and May 10, 1950,  
respectively.  
Document

Examination requested:

Specimens:

B-116939 EE  
Submitted by Philadelphia with letter dated May 20, 1950: (u)

E1 Five-page typewritten document, together with a cover sheet,  
entitled "THERMAL DIFFUSION - A PROSPECTUS." (u)

B-116940 EE  
Submitted by Philadelphia with letter dated May 20, 1950: (u)

E2 Eight sheets of paper, bearing known handwriting and handprinting  
of HARRY GOLD. (u)

Submitted by New York with letter dated May 10, 1950: (u)

E3 Photographic copy of a nine-page typewritten article on  
THERMAL DIFFUSION containing a sketch and some handprinting  
on page 6. (u)

Enclosure - Registered Special Delivery

- 2- New York - Enclosure - Special Delivery
- 1- Washington Field
- 1- Albuquerque - Air Mail

Page one

HLD:AB

51950

ENCLOSURE

MAY 25 1950

COMM - FBI

**SECRET**

Continued on next

100-365040-59

JUN 11 1950

Tolson  
Ladd  
Clegg  
Glavin  
Nichols  
Rosen  
Tracy  
Harbo  
Belmont  
Mohr  
Tele. Room  
Nease  
Gandy

~~SECRET~~

~~SECRET~~

**RESULTS OF EXAMINATION;**

It has been concluded that the handprinting appearing on page 5 of Q01 was prepared by HARRY GOLD, KR.

It was also concluded that the typewriting on the original document represented by Q01 was prepared on the same typewriter as that used to prepare the typewriting on specimen K1. The original document represented by Q01 is not a carbon copy, however, of K1.

Due to the lack of sufficient sharpness of detail in Q01, it is not believed that satisfactory enlargements can be made of this specimen for presentation in court testimony. If court testimony is contemplated in this case, it is suggested that the original negatives from which Q01 was made be submitted to the Laboratory. The original specimen should, of course, be submitted if it becomes available.

As soon as the Hilton Hotel registration card is received it will be compared with the handwriting of HARRY GOLD.

The original evidence, K1, is returned herewith to your office. Photographic copies of this specimen are attached for your office and also for the New York office. Specimens Q01 and K2 are retained in the Bureau's file.

~~SECRET~~

~~SECRET~~

XXXXXX  
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XXXXXXFEDERAL BUREAU OF INVESTIGATION  
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\_\_\_\_\_

☐ For your information: \_\_\_\_\_

\_\_\_\_\_

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XXXXXX  
XXXXXXFEDERAL BUREAU OF INVESTIGATION  
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3 Page(s) withheld for the following reason(s):  
Disposition in Dadds 65-57449-173

☐ For your information: \_\_\_\_\_

☒ The following number is to be used for reference regarding these pages:  
100-365040-NR 5-25-50

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XXXXXX  
XXXXXXFEDERAL BUREAU OF INVESTIGATION  
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1 Page(s) withheld for the following reason(s):  
Disposition in Golds 65-57449-147

☐ For your information: \_\_\_\_\_

☒ The following number is to be used for reference regarding these pages:  
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XXXXXX  
XXXXXXFEDERAL BUREAU OF INVESTIGATION  
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4 Page(s) withheld for the following reason(s): Disposition in Jack US-58805-1249

\_\_\_\_\_

☐ For your information: \_\_\_\_\_

☒ The following number is to be used for reference regarding these pages:

100-365040-M 5-26-50

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X FOR THIS PAGE X  
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FEDERAL BUREAU OF INVESTIGATION  
U. S. DEPARTMENT OF JUSTICE  
COMMUNICATIONS SECTION

MAY 27 1950  
TELETYPE

Mr. Tolson \_\_\_\_\_  
Mr. Ladd \_\_\_\_\_  
Mr. Clegg \_\_\_\_\_  
Mr. Glavin \_\_\_\_\_  
Mr. Nichols \_\_\_\_\_  
Mr. Rosen \_\_\_\_\_  
Mr. Tracy \_\_\_\_\_  
Mr. Harbo \_\_\_\_\_  
Mr. Belmont \_\_\_\_\_  
Mr. Mohr \_\_\_\_\_  
Tele. Room \_\_\_\_\_  
Mr. Nease \_\_\_\_\_  
Miss Gandy \_\_\_\_\_

FBI BU 5-27-50 2-00 PM EDST

OKH

DIRECTOR, SACS NEW YORK, PHILADELPHIA  
ABRAHAM BROTHMAN, ESP - R. RELET NYC TO BUREAU, MAY TWENTY FOURTH  
ENTITLED, FOOCASE, ESP - R. PHOTOS OF GOLD EXHIBITED TO SEVERAL  
INFORMANTS OF THIS OFFICE WITH NEGATIVE RESULTS.

MAYNOR

ACK IN ORD PLS

FBI WA 2-04 PM OK FBI WA LMK

15 15 488 488 YB FBI NY C O

OK FBI NYC VMM

FBI PH OK FBI PH AS

DISC

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 10/31/86 BY 3042 PWT

53 JUN 5 1950



XXXXXX  
XXXXXX  
XXXXXXFEDERAL BUREAU OF INVESTIGATION  
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## FEDERAL BUREAU OF INVESTIGATION

Form No. 1

THIS CASE ORIGINATED AT NEW YORK CITY

AT FILE NO. 65-1351 PFB

REPORT MADE AT <b>ATLANTA, GEORGIA</b>	DATE WHEN MADE <b>5/22/50</b>	PERIOD FOR WHICH MADE <b>5/11 - 17/50</b>	REPORT MADE BY <b>GEORGE P. DILLARD</b>
TITLE <b>ABRAHAM BROTHMAN, wa</b>			CHARACTER OF CASE <b>ESPIONAGE - R</b>

## SYNOPSIS OF FACTS:

## ADMINISTRATIVE

GERHARD NORVAL WOLLAN, upon interview at North Ga. College, Dahlonega, Ga. advised he was associated with A. BROTHMAN & ASSOCIATES from August 1944 to August 1946. First met BROTHMAN through one MORRIS SCHILLER, while unemployed. Information and descriptions concerning contacts and associates of BROTHMAN known to WOLLAN obtained and set out herein. At time A. BROTHMAN & ASSOCIATES was formed, BROTHMAN had secured retainers as consulting engineer from Bridgeport Brass; HEILIG Chemical Co., and GRAVER Tank. First contract after formation of firm was obtained by BROTHMAN through Y. O. TANG and C. S. WAN with the Chinese government purchasing commission, New York City. BROTHMAN met TANG and WAN through one SIMONS who had written standard books on plastics. One BERNARD PIDTO furnished financial backing for BROTHMAN. When first interviewed, WOLLAN stated that laboratory was initially set up with expenditure of approximately \$2000.00. All financial matters handled by BROTHMAN. Photograph of HARRY GOLD identified as person known as FRANK KEPPLER and HARRY GOLD, who worked for BROTHMAN in 1946. GOLD is chemist with possibly some chemical engineering experience but not a physicist. Photograph of ROSE WOLLAN obtained. WOLLAN denied knowing FUCES, or HEINEMAN, or ever having been in the states of Mass. or New Mexico. WOLLAN advised all partners of A. BROTHMAN & ASSOCIATES, including himself, friendly toward Soviet Union.

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DETAILS: This is a joint report of SA LESTER G. DAVIS and the writer.

GERHARD NORVAL WOLLAN was interviewed at Dahlonaga, Georgia, by SA LESTER G. DAVIS and the writer, at which time he furnished the following information:

Mr. WOLLAN advised that he met ABRAHAM BROTHMAN in New York City about the Spring of 1943 or 1944, shortly after leaving his employment with the U.S. Navy Yard, Brooklyn, in January of either 1943 or 1944. He advised that he was without work for a month or two and that a neighbor friend of his wife, by the name of Mrs. BEN (LENA) ROTH, knew he was out of work and introduced him to one MORRIS SCHILLER, who operated a paint business in Brooklyn, New York, under the name M. SCHILLER, Incorporated. For identification purposes, he stated Mrs. ROTH was a housewife and that her husband taught at a public school in Brooklyn. He continued that SCHILLER seemed to be making money out of his business and Mrs. ROTH felt that he might have an opening for WOLLAN. He continued that SCHILLER had no such opening but to assist WOLLAN, SCHILLER introduced him to ABRAHAM BROTHMAN, a consulting engineer. He stated that one of the companies for which BROTHMAN was doing work, needed a man as that company was having a lot of trouble with the valves of aerosol bombs and ampules. He continued this was the Regal Chemical Company owned by one TED HEILIG. Mr. WOLLAN stated he was employed by the Regal Chemical Company because of his mathematics background in order to assist in finding and correcting the trouble with the aerosol dispensers. He was employed as Assistant Plant Superintendent of the Regal Chemical Company during the Spring of 1943, which position he held some six or seven months. He said he had a series of difficulties with the Plant Superintendent of this company, one \_\_\_\_\_ CLARK, concerning the work in the plant. He stated that the Regal Chemical Company was subcontractor to the Bridgeport Brass Company, in that Regal contracted to fill aerosol dispensers (frequently called bombs) with insecticide.

The Bridgeport Brass Company produced the container (or bomb). He stated that they also filled glass ampules with the insecticide under an Army contract. The aerosol dispensers were under a Navy contract. He stated that TED HEILIG, who owned the Regal Chemical Company, also had a plant known as the TEDLEE Corporation, located on Dobbins Street, Greenpoint, Brooklyn, New York. He stated this corporation was named for HEILIG and his wife, whose given name was LEE. He stated that BROTHMAN had designed the plant for



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HEILIG to be used in filling these aerosol dispensers. He added that the Regal plant was set up as a result of the contract for filling these dispensers for the Bridgeport Brass Company.

WOLLAN stated that while he was employed at the Regal company, conferences concerning problems arising in connection with aerosol dispensers were held and that usually the conferences consisted of HEILIG, BROTHMAN, CLARK, and himself. These conferences were held at various places, he stated. They usually met where it would be convenient for BROTHMAN. He recalled some of the conferences at the Regal company office and others were held at a luncheon or dinner engagement at some restaurant in either New York City or Brooklyn. He did not recall any particular restaurant. He further advised that occasionally two men associated with BROTHMAN in Chemurgy Corporation would attend these conferences because of problems arising in connection with the chemicals used in the aerosol dispensers. One of these was a Negro chemist, whose name he could not recall, but whom he described as Colored, male, age 40 to 45, six feet in height, weighing 165 pounds, slender build, having brown complexion, nice looking, who lived in Brooklyn, New York. The other was EMIL BARISH. He said that occasionally another man, a chemical engineer, ARTHUR WEBER, attended. He continued it was his understanding that WEBER and BROTHMAN were partners in the Chemurgy Design Corporation. Mr. WOLLAN stated that he had not known any of these men before he was employed by the Regal Chemical Company.

In connection with his association with BROTHMAN, WOLLAN stated that he collaborated with BROTHMAN on two articles published in the "Chemical and Metallurgical Engineering Journal", published monthly by McGRAW-HILL at New York City. He stated one of these articles may have been published in a trade journal published by McGRAW-HILL, entitled "Product Engineering". He did not set a specific time as to when these were written or published but stated it was during his association with the firm ABRAHAM BROTHMAN ASSOCIATES. These articles, he stated, dealt with the development of a continuous process of manufacturing DDT. One article concerned the physical and chemical procedure in polymerization of methyl-methacrylate.

Mr. WOLLAN stated that during the time he was associated with the Regal Chemical Company, BROTHMAN had had some trouble in his relations with individuals in Chemurgy Design Corporation. He explained that BROTHMAN had employed ARTHUR WEBER when WEBER finished school and that there had been some difficulties between them. He continued that it seemed to him that WEBER was ambitious and did not like to be subserviat and that

BROTHMAN felt he could not let WEBER control things as WEBER had made several costly mistakes in Chemurgy because of inexperience. He stated that WEBER seemed to resent BROTHMAN holding him down and that WEBER had endeavored to take credit for some of the processes developed by BROTHMAN. He stated that BROTHMAN, at that time, was financially backed by HENRY GOLWYNNE. He continued that BROTHMAN wanted to set up his own company without financial backing from anyone inasmuch as he felt he had been "gyped" by some of his associates. He continued that by that time he and BROTHMAN had become friendly. He stated BROTHMAN was a good mathematician, engineer and physicist, possibly the most brilliant man WOLLAN had ever known. He felt that BROTHMAN had come to feel that he, WOLLAN, was reliable, had some ability and was potentially a good engineer, although he had had no formal engineering training. He believed BROTHMAN felt that he, WOLLAN, could be developed into a valuable addition to the company BROTHMAN was trying to establish. Accordingly, when things "blew up" between the Regal company and Chemurgy, BROTHMAN, JULES KORCHIEN, OSCAR VAGOE, EMIL BARISH, and WOLLAN agreed to set up a partnership, known as A. BROTHMAN & Associates, the purpose of which company was to act as consulting engineers.

WOLLAN explained that JULES KORCHIEN was a free lance architect, as well as President or other officer, of the Federation of Architects, Chemists, Engineers and Technicians. WOLLAN stated that VAGOE was a civil engineer who may have been employed by the Regal Chemical Company for a while, working on the DDT process. In considering the setting up of this firm, he stated that BROTHMAN had pointed out that he, BROTHMAN had a number of contracts of his own, among which was a contract with the Bridgeport Brass Company; a contract with the HEILIG Chemical Company; a steel fabricating company at Chicago, Illinois, the name of which he did not recall, and the Graver Tank Company, all of which brought in money on a retainer basis. He continued that as each of the rest of the proposed partners had accumulated a little money, they felt that they could set up the partnership of consulting engineers, using BROTHMAN's contracts to keep them going until they could establish themselves as a firm. He continued that it was their purpose to make up a batch of designs of standard vessels, mixers, vats, and containers used in chemical laboratories, which they could sell. He stated they also felt they could design manufacturing plants, as well as experiment in chemicals and sell the results of their efforts. It was the intention of the partnership to make up sketches of standard vessels as above described used by the chemical industry and prepare a catalog listing these vessels, according to their own design.

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The partnership would then endeavor to sell these vessels to the chemical trade and the vessels would be made for them under their specification and name by the GRAVER Tank Company, in view of BROTHMAN's connection with the latter company. Because of BROTHMAN's distrust of other people, which WOLLAN accredited to the fact that BROTHMAN had been "gypped" by several people with whom he had previously dealt, BROTHMAN desired to control the partnership and would not agree to an equal partnership. When all the partners agreed to set up this firm, BROTHMAN financed the initial outlay with the other partners putting up practically no money. He stated that partnership papers were drawn up and filed in New York City and they obtained cheap office space on 32nd Street where Park Avenue begins between Park and Lexington on the south side of the street in New York City. He said they did not hire any clerical personnel at the outset and used BROTHMAN's retainers, as mentioned above, as income until the partnership could obtain a contract. He stated when the partnership was formed, a salary of one hundred dollars per week was set for all of the partners except BROTHMAN, whose salary was set higher. He could not recall BROTHMAN's salary and recalled that before the firm obtained a contract of its own, the partners were not paid for several weeks.

He stated the first contract that the firm, A. BROTHMAN & Associates, obtained was one with the Chinese Government Trading Commission, which was a contract to design manufacturing plants for the production of methyl-methacrylate, polymer and polymer. He stated this contract was obtained on the basis of BROTHMAN's connections. He could not state exactly how the contract was obtained but knew that BROTHMAN obtained it through some of his previous contracts. He elaborated by saying that BROTHMAN was a recognized engineer and had previously had some association with a man who had written a couple of standard books on plastics. He recalled this man was one SIMONS, but could not identify him further. WOLLAN stated that it was through BROTHMAN's association with SIMONS that BROTHMAN found out about the Chinese Government's desires in connection with such plants. WOLLAN further recalled that it was through SIMONS that BROTHMAN met Y. O. TANG and C. S. WAN, Chinese, who were connected with the Chinese Government Trading Commission. He continued that BROTHMAN was able to convince the latter two men that he could produce what they desired and that the firm therefore got the contract. He did recall, however, that to get this contract it was found necessary to establish a financial responsibility. Mr. WOLLAN estimated that this contract was obtained some two or three months after the partnership had been established, or about the Fall of 1944. To



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establish financial responsibility. BROTHMAN contacted one BERNARD PIDTO, also known as BERNIE PIDTO, whose residence address is 783 Troy Avenue, Brooklyn, New York. He continued that PIDTO was willing to financially back the partnership but desired to become a partner in the firm. He recalled that BROTHMAN would not permit PIDTO to become a partner and that PIDTO consented to backing BROTHMAN financially. WOLLAN stated that during this period the partnership had had some internal difficulties. He stated these difficulties were on questions of policy and that their biggest problem was finances. He said the various partners could not agree as to how to finance the firm. WOLLAN recalled that he usually found himself desiring some method that was not agreeable with the other partners and that he was always overruled on this. He said occasionally BARISH would take a stand with him. WOLLAN felt that there were some contracts that they should have accepted that were not accepted because of the fact that the finances on then could not be mutually worked out. He recalled that BROTHMAN wanted to be the "boss", the "decider", to completely control things. Because of this and in the meantime BARISH had decided they were not going to succeed and as he could not agree with BROTHMAN, he "dissolved" his partnership with the firm and a new partnership was formed, consisting of the remainder of the original partners, with new partnership papers being filed in New York City. WOLLAN stated that about the time the Chinese contract was obtained, he, WOLLAN, invested either one thousand dollars or fifteen hundred dollars to the partnership and did without pay for several weeks until the receipts on the Chinese contract came in.

WOLLAN advised that after the Chinese Government contract was obtained, one MIRIAM MOSKOWITZ was employed as stenographer. He further stated that a laboratory was also set up in Elmhurst, Queens, New York, near Queens Boulevard. He recalled the firm obtained a room in a plant that produced transfer (or foil) paper which was located on 57th Avenue in Elmhurst.

WOLLAN estimated that the Laboratory was set up with a cash outlay of two thousand dollars and that later additional money was put in by associates of the firm until between three and four thousand dollars was invested in the laboratory. BROTHMAN, VAGOE, and WOLLAN handled the details of setting up the Laboratory, with BROTHMAN handling the financial matters. SILVERSTEIN and the Ph.D. from M.I.T., whose name he could not recall, later assisted in establishing the laboratory. When he was reinterviewed on May 16, 1950, WOLLAN changed his previous statement concerning the amount required to set



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up the Laboratory and said that the Laboratory was set up with approximately five to ten thousand dollars which was borrowed from BERNIE PIDTO with the knowledge and okay of the other associates. WOLLAN estimated that during the time he was connected with A. BROTHMAN & ASSOCIATES, the firm borrowed a total of approximately twenty thousand dollars from PIDTO but WOLLAN believed that PIDTO was repaid in full from the profits of the firm. No financial backing was received from Bridgeport Brass, HEILIG Chemical Company or GRAVER Tank, except what might have been paid by these concerns to BROTHMAN as retainer fees. WOLLAN estimated that the retainer for the Bridgeport Brass Company was approximately five thousand dollars annually; retainer of the HEILIG Chemical Company, five thousand dollars, and GRAVER Tank Company a smaller amount, which he could not estimate, making a total retainer of over ten thousand dollars annually.

After setting up the Laboratory, one CY SILVERSTEIN and another individual who had obtained his Ph. D. from the Massachusetts Institute of Technology, at Cambridge, Massachusetts, were employed to work in the laboratory. One MANDELL KORN was also employed as a chemical engineer in the laboratory. Later, BILL ROEALL, a graduate of Brooklyn Polytechnic Institute, was employed as a chemical engineer. He advised that these men worked under him in the laboratory and were the only men in the laboratory at that time. Later, WOLLAN's brother, ROLF, was employed. He continued that ROLF was discharged from the U.S. Army Signal Corps at a camp in New Jersey, following which he visited WOLLAN in New York. While visiting WOLLAN, ROLF met BROTHMAN and BROTHMAN asked ROLF if he wanted a job. WOLLAN stated that ROLF had been a high school teacher prior to his service in the U.S. Army. He stated that ROLF was a mathematician and inasmuch as he was unemployed at the time, he accepted a job with the firm and did slide rule work in the laboratory. WOLLAN believed that ROLF was employed to work in the laboratory about the Fall of 1945. One SOL FRANSHEL was employed in the laboratory shortly before WOLLAN left the laboratory in July 1946. WOLLAN did not know FRANSHEL previously and did not recall much about FRANSHEL.

Regarding the contracts which A. BROTHMAN & ASSOCIATES held, WOLLAN recalled a contract with some company when they designed a gadget to automatically cut lighter flints in proper lengths by machine. This process had been previously handled by hand. Another contract was with the Palestine Potash Company and another contract was with an oil company from Texas.

The basic of their operations was sulphuric acid plants and some plans were drawn up for such plants. All contracts, WOLLAN stated, were obtained by

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BROTHMAN and negotiations concerning the contracts made by BROTHMAN. WOLLAN's time was spent principally in the Laboratory and he did not know too much about the individuals with whom BROTHMAN had business dealings in obtaining these contracts. He did recall that BERNIE PIDTO introduced BROTHMAN to some company which was interested in a plastic covering for tarpaulins and for covering war shipments such as airplanes and parts to protect them in shipment. He did not know the name of this company nor the individuals with whom business dealings were had but stated a good bit of work was done on this project in the laboratory. He related that he did not learn more about these business transactions as BROTHMAN handled the contracts almost exclusively and that BROTHMAN did not advise him concerning these matters. He continued that relations between him and BROTHMAN were of a very friendly business nature and that they never established a mutual social interest. He therefore knew of no social contacts of BROTHMAN.

WOLLAN stated that A. BROTHMAN & ASSOCIATES did their banking at a branch bank of the National City Bank and Trust Company of New York City located on 32nd at Park Avenue, across the street from their office in New York City. WOLLAN did not know where BROTHMAN or other associates of A. BROTHMAN & ASSOCIATES conducted their banking, but stated he maintained an account at the Corn Exchange Bank and Trust Company, Washington Branch, 256 Broadway, in the Home Life Insurance Company Building. This account was established when he was employed by the Home Life Insurance Company and he did not move it while employed by A. BROTHMAN & ASSOCIATES. WOLLAN stated the federal income tax returns of A. BROTHMAN & ASSOCIATES were filed in New York City and that the state returns were filed at Albany, New York. He recalled that one HALPERIN, a certified public accountant, who was employed by A. BROTHMAN & ASSOCIATES on a fee basis, handled these tax returns. WOLLAN did not know where BROTHMAN or other associates of A. BROTHMAN & ASSOCIATES filed their personal income tax returns. His personal returns were filed at Albany and New York City. WOLLAN could not recall the amounts of money paid him by the firm A. BROTHMAN & ASSOCIATES, but stated that he merely obtained his income figure from HALPERIN and filed his income tax returns accordingly. He believed that the first year he was employed, there was a loss and no income tax return was filed, but one was filed for the second year employed, which would have been 1945. WOLLAN could not recall where his brother, ROLF, did his banking or filed his tax returns.

When asked whether he knew an individual by the name of FRANK KEPPLER, WOLLAN stated that an individual by this name was connected with A. BROTHMAN & ASSOCIATES and came to the firm after the relations between BROTHMAN and

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WOLLAN had been strained. He believed this was about the Spring of 1946. WOLLAN recalled that KEPPLER was BROTHMAN's right-hand man and replaced WOLLAN to a large extent in the A. BROTHMAN & ASSOCIATES laboratory. KEPPLER was considered the general over all supervisor. He had not known KEPPLER before and recalled that BROTHMAN obtained the services of KEPPLER. He recalled that KEPPLER came from Philadelphia, Pennsylvania, and commuted from Philadelphia while employed with A. BROTHMAN & ASSOCIATES. WOLLAN did not know much concerning KEPPLER's background but believed KEPPLER's family was from Philadelphia and recalled that KEPPLER was hard up financially. He was a chemist or a chemical engineer and was employed in this connection. BROTHMAN considered KEPPLER a very good man. Upon being shown a photograph of HARRY GOLD, which was exhibited to him in such a manner that the name appearing on the photograph could not be seen, WOLLAN identified GOLD as FRANK KEPPLER.

Later during the interview, WOLLAN was asked if he knew an individual by the name of HARRY GOLD, to which he quickly replied that he did and that that was GOLD's photograph he had previously identified during the course of the interview, referring, of course, to the photograph he had identified as being FRANK KEPPLER. Then WOLLAN became slightly frustrated when he realized that the name of GOLD had not previously been mentioned in the course of the interview, and after some hesitancy, stated that FRANK KEPPLER and HARRY GOLD were the same, recalling that GOLD used both names while employed by A. BROTHMAN & ASSOCIATES. At this point of the interview, WOLLAN could not explain why GOLD used two names, stating that it was possibly marital difficulties. WOLLAN believed that GOLD was married to a second wife by whom he had two small children. WOLLAN recalled that GOLD was a chemist with some chemical engineering experience but was not a physicist.

When first employed, GOLD worked only a day or two at a time, commuting from Philadelphia, inasmuch as he apparently had other employment. GOLD at first worked in the offices on 32nd Street but would come to the laboratory and make sketches of his own and conduct various tests allegedly at the specific request of BROTHMAN. WOLLAN did not know the nature of these tests and stated that although at that time he, WOLLAN, was the laboratory superintendent, GOLD did not disclose to him the nature of the tests, drawings, etc. WOLLAN was under the impression that BROTHMAN had come to distrust him and was having GOLD check on him or was having GOLD do work he would not trust to WOLLAN. WOLLAN volunteered the statement that he "was not involved in the work which GOLD was doing,"



but would not elaborate further. When questioned more specifically concerning this statement, WOLLAN remarked that GOLD never conferred with him on any work which he did, even though it was done in the laboratory where WOLLAN was superintendent. GOLD and BROTHMAN became very closely associated together and BROTHMAN and WOLLAN had drifted apart in their relations with each other. WOLLAN was under the impression from general conversation that BROTHMAN and GOLD had known each other for a considerable length of time prior to GOLD's being employed by BROTHMAN,

GOLD was employed by BROTHMAN in the late winter of 1945-1946 or early spring of 1946, and after being there a few months was employed full time returning to his home in Philadelphia on weekends. Although BROTHMAN and GOLD were closely associated, WOLLAN did not believe GOLD was ever made a partner of the firm. MIRIAM MOSKOWITZ was, however, made a partner about this time. WOLLAN objected to MOSKOWITZ as a partner as her only qualification was that of a stenographer.

WOLLAN recalled that GOLD also participated, along with BROTHMAN, in obtaining a contract with the Palestine Potash Company. This contract was for specifications for manufacturing plants to produce DDT. The firm actually drew up specifications for two plants for the Palestine Potash Company, in addition to which they ran tests in the A. BROTHMAN & ASSOCIATES laboratory in connection with "gun cotton" and "TNT". These tests were conducted in hopes of obtaining a contract from the Palestine Potash Company to set up plants to produce these items. WOLLAN did not know whether the contract was ever obtained from Palestine Potash Company for plants to produce gun cotton or TNT. Further, in connection with the Palestine Potash Company, the firm had learned of some surplus property available through War Assets Administration, consisting of liquid tanks, vats, etc. The firm attempted to obtain some of this surplus property to be used by the Palestine Potash Company in the setting up of their DDT plants. WOLLAN made a trip to some Army camp in New Jersey, the name of which he did not recall, in an attempt to obtain this surplus property but did not know whether the firm was ever able to actually obtain this property for the Palestine Potash Company.

As best WOLLAN could recall, he first went to work with BROTHMAN and associates about August 1944 and remained with the firm until about August 1946, at which time he resigned inasmuch as he felt that he was a partner in name only in the firm and could see no future in remaining with BROTHMAN. WOLLAN would have left sometime sooner but stayed on for a while inasmuch



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as he felt certain responsibility in connection with work being done on the contract with the Chinese Government. Before WOLLAN left, GOLD had come to the laboratory and for all intentional purposes had apparently replaced WOLLAN as laboratory superintendent. It was WOLLAN's belief that GOLD had been given the position of laboratory superintendent when he left.

WOLLAN did not know whether the firm A. BROTHMAN & ASSOCIATES is still in existence and claimed to have had no contact with the firm since he left other than to send Christmas greetings to BROTHMAN and some of the associates. WOLLAN remarked that he had put approximately one thousand dollars in the firm in the lean months when they were first in business and as yet has not been repaid by BROTHMAN. He stated that he has sent BROTHMAN Christmas cards thinking that possibly BROTHMAN would recall this debt and pay him. When first interviewed, WOLLAN claimed not to have put any money in the business at the beginning but when recontacted on May 16, 1950, WOLLAN remarked that his wife had reminded him that he had invested four hundred dollars in the firm when it was first organized. WOLLAN was of the impression that the other associates possibly put up an equal amount but the majority of the financing, as previously stated, was handled by BROTHMAN personally. WOLLAN did not know of any other financial aid secured by BROTHMAN.

WOLLAN recalled that while associated with A. BROTHMAN & ASSOCIATES, he, BROTHMAN, and PIDTO made a trip to Wilmington, Delaware, during the winter of 1944-1945, to visit a plastic plant. BROTHMAN had designed the equipment in this particular plant and the plant was set up and they visited this plant for the purpose of seeing the plant in operation. BROTHMAN was designing a plastics plant and wished to study the operation of this plant inasmuch as it would save him considerable work in designing another plant. WOLLAN recalled that at the time they visited this plant, the name of which he did not recall, the plant was engaged in manufacturing plastics under an Army or Navy contract. While at the plant, they contacted an individual, whose name he did not know but who was known to BROTHMAN, and this individual was asked to assist them in the laboratory in connection with plastics. This individual did not, however, go to work for them.

WOLLAN recalled that some discussion was had among the associates concerning contacting AMTORG or the Soviet Purchasing Commission to sell the Soviet Government designs for operating a DDT plant. He did not know, however, whether a contract was ever negotiated in this matter and could not recall whether any representative of the Soviet Government was actually contacted in an effort to negotiate a contract.

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WOLLAN did not know the following individuals:

JOHN HENRY ARNOLD

HERSH RABINOWITZ

BERNARD MISEKIN

EMIL JULES KLAUS FUCHS

KRISTEL KLAUS HEINEMAN, or anyone by the surname of HEINEMAN.

Photographs of the following were exhibited to WOLLAN on May 16, 1950, and he advised that they are unknown to him:

JACOB GOLAS

VLADIMIR A. TVERIANOVICH

IVAN I. MAIOROV

JOSEPH A. ROBINS

ELIZADETH BENTLEY

WOLLAN could furnish photographs of none of the associates or employees of A. BROTHMAN & ASSOCIATES, other than a photograph of his brother ROLF WOLLAN. WOLLAN furnished a photograph of his brother, ROLF, taken in 1945, as well as a photograph of himself made in the A. BROTHMAN & ASSOCIATES laboratory about 1945.

Mr. WOLLAN advised he had never been in Boston or any other place in the State of Massachusetts nor had he been in New Mexico.

At the time of the formation of A. BROTHMAN & ASSOCIATES, the members of the firm were all well acquainted with the fact that BROTHMAN and ARTHUR P. WEBER had personal difficulties between themselves. It was also well known to the associates that BROTHMAN had secured retainers as consulting engineer with the Bridgeport Brass Company; Graver Tank, and HEILIG Chemical Company. These retainers were to be used as "bread and butter" funds until the firm was established and new business obtained. Any of the number of

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friends of the firm, A. BROTHMAN & ASSOCIATES, of course, knew of the setting up of the new laboratory but WOLLAN did not feel that the existence of the above mentioned retainers was very widely known outside of the firm with the exception of PIDTO and possibly some others closely associated with the firm.

BERNARD

One PERCY NADEL, believed to be a salesman, frequently called at BROTHMAN's office and WOLLAN believed these calls were of a social nature. BROTHMAN was also in contact with one BERNARD KOOPMAN, Professor, Columbia University, Mathematics Department. This individual also checked the mathematical calculations on several articles written by BROTHMAN. Mr. WOLLAN recalled that other individuals visited BROTHMAN or some of the partners of the firm but recalled no one else specifically.

During the course of this interview, WOLLAN stated that he, as well as all the other partners in A. BROTHMAN & ASSOCIATES, was friendly toward the Soviet Union and had great respect for the accomplishments made by the Soviet Union. WOLLAN admitted that when he was employed as an actuarial clerk in the Home Life Insurance Company about 1936, he became interested in Communism inasmuch as he had heard that subject discussed considerably in the early depression years. WOLLAN pointed out that his father died and left him to be the sole support of his family at that time. While employed by the above mentioned insurance concern, WOLLAN purchased a copy of KARL MARX's book "DAS KAPITAL" and read it very thoroughly with the idea of understanding what the author was trying to say. WOLLAN spoke very highly of "DAS KAPITAL" relating that he felt KARL MARX, who had prepared this for his Ph. D. thesis, had made a great contribution to society, inasmuch as economists of modern times considered many of the matters covered by KARL MARX's book. WOLLAN stated he was very much interested in the activities of the Communist Party of the United States from 1936 until 1945, but stated in effect that he would not admit or deny that he was a member of the Communist Party. He added that he would not place himself in a position whereby he might be questioned as to whether some other person had been or was a member of the Communist Party in the United States. WOLLAN did state that he definitely was not now a member of the Communist Party, relating that he did not approve of the present Communist Party policy in the United States and had not since the party ousted EARL BROWDER. In explanation of this, WOLLAN stated that with the ousting of BROWDER, the party indicated a definite change in policy with which change he did not agree. WOLLAN felt that when the party ousted BROWDER, it lost its principal

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leadership in the United States and became a group that was taking orders from someone else and not operating as a party interested only in the conditions in the United States. WOLLAN related that he was interested in Communism and did not try to hide his interest in Communism and his respect or friendly feeling toward the Soviet Union, stating at this same time, however, that he did not air his feelings in such a way as to make him conspicuous in any type of society. WOLLAN made it very emphatic, however, that he felt that he was loyal to the United States and would not support the Soviet Union or any other country in any activity which might be inimical to the welfare of the United States. WOLLAN stated he felt that the primary purpose of the Communist Party in the United States should be confined to bettering conditions in the United States through the selection of proper leadership to solve the economic situation.

WOLLAN stated that although he had a great deal of respect for the Soviet Union, he felt that there were many evils connected with the Communist Regime there which in time must be corrected. In this connection, he pointed out that he felt it would be a long time before Russia ever progressed to the status of the United States of America today. WOLLAN believed that KARL MARX has the answer to the world economic situation as described in his book "DAS KAPITAL" and he foresees a world peace in the future, not of one nation governing the world but of all nations understanding each other and working together harmoniously.

WOLLAN, although appearing to be cooperative, declined to furnish a signed statement incorporating the above reported information, inasmuch as he had to attend to pressing matters in connection with his duties as a math professor at North Georgia College.

WOLLAN furnished descriptions of the following persons who were contacts or associates of ABRAHAM BROTHMAN:

Name	<u>WOLLAN</u> THEODORE HEILIG
Residence	One of the New York City Boroughs
Race	White
Sex	Male
Age	45-50
Height	5'8"
Weight	165-170
Characteristic	Aggressive
Marital status	Married. Wife: LEE or LILIAN
Occupation	Salesman
Hair	Partially bald



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Name	CLARK
Residence	Brooklyn, New York
Race	White
Sex	Male
Height	5'10" or 11"
Weight	190
Occupation	Salesman
Hair	blondish, partially bald.
Characteristics	Fleshy face; obese.
Marital status	Married

Name	BERNARD (BERNIE) PIDTO
Race	White
Sex	Male
Address	783 Troy Avenue, Brooklyn, New York
Age	45-50
Height	5'8"
Weight	150
Hair	Dark
Eyes	Brown
Complexion	Dark
Born	Brooklyn or New York City
Marital status	Married. Wife: ROSE 2 children, age 8 - boy age 12 - girl (1945)
Occupation	Salesman

Name	CY SILVERSTEIN
Address	Brooklyn
Race	White
Sex	Male
Height	5'8"
Weight	150-155
Age	Early 20's
Hair	Dark
Eyes	Brown
	Wears glasses
Occupation	Chemist

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Name	ISADORE HALPERIN
Residence	New York City
Race	White
Sex	Male
Age	In 50's
Height	5'8"
Build	Slight
Complexion	Dark
Characteristic	Wears glasses.

Name	SOL FRANSHEL
Residence	Bronx, New York
Race	White
Sex	Male
Hair	Dark
Complexion	Dark
Eyes	Brown
Height	5'10"
Weight	170-175
Marital status	Married. 2 small children,

Name	ROLF SIDNEY WOLLAN
Residence	Glenwood, Minnesota
Race	White
Sex	Male
Born	Glenwood, Minnesota.
Height	6'2"
Weight	160
Build	Slender
Eyes	Brown
Marital status	Single
Peculiarities	Wears glasses
Occupation	Teacher; math professor.

Name	WILLIAM (BILL) ROHALL
Residence	Bronx, New York
Race	White
Sex	Male
Height	5' 8"
Weight	150-160 pounds
Hair	Brown

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Eyes  
Marital status  
Occupation  
Peculiarities

Brown  
Married  
Chemist  
Quiet.

Name  
Residence  
Race  
Sex  
Age  
Height  
Hair  
Weight  
Build  
Complexion  
Marital status  
  
Occupation

ARTHUR WEBER  
Brooklyn, New York  
White  
Male  
30  
5'8" or 9"  
Blond  
165 pounds  
Well built  
Light  
Married.  
One child born about 1944.  
Chemical engineer.

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Name  
  
Residence  
Race  
Sex  
Height  
Age  
Weight  
Build  
Marital status  
  
Hair  
Eyes  
Characteristic  
Occupation

HARRY GOLD  
Alias FRANK KEPPLER  
Philadelphia, Pa.  
White  
Male  
5'8"  
40  
175  
Chunky  
Married. Possibly second wife.  
Two children by second wife.  
Dark, receding forehead  
Brown  
Round face  
Chemist - but not a physicist.

Name  
Residence  
Race  
Sex

MIRIAM MOSKOWITZ  
Bayonne, New Jersey; Apartment, New York City  
White  
Female

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Age	30
Height	5'7"
Weight	125
Hair	Blond
Marital status	Single
Characteristic	Wears glasses. Pleasant smile.

Name	PERCY NADEL
Race	White
Sex	Male
Age	40
Height	5'10"
Build	Husky

Name	<u>BERNARD</u> KOOPMAN
Race	White
Sex	Male
Age	In 40's
Height	5'8"
Build	Slender
Characteristic	Wears glasses.

Name	EMIL Z. <del>BARISH</del>
Residence	Queens, New York
Race	White
Sex	Male
Age	38 - 40
Height	6'
Weight	175-180
Build	Well built
Complexion	Dark
Marital status	Married. Two or three children.
Occupation	Mechanical engineer.

Name	OSCAR A. <del>VAGOE</del>
Residence	Forrest Hills, Queens, New York
Race	White
Sex	Male



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Age	50
Height	5'7"
Weight	160
Build	paunchy
Hair	Dark, partially bald
Peculiarities	Wears glasses
Marital status	Married. 2 children, Boy, 8 or 9 yrs. of age in 1945. Baby born in 1945.
Occupation	Civil Engineer.

Name	JULES KORCHEIN
Residence	Manhattan
Race	White
Sex	Male
Age	50
Height	6'
Weight	160
Hair	Dark, sparse
Eyes	Blue
Peculiarities	Wears glasses. Mustache.
Marital status	Divorced.
Occupation	Architect.

The following is the description of ABRAHAM BROTHMAN as furnished by WOLLAN:

Name	MRS. ABRAHAM BROTHMAN
Race	White
Sex	Male
Residence	Queens (Sunnyside) New York
Age	40
Height	5'7"
Weight	190
Build	Heavy
Hair	Dark
Eyes	Brown
Marital status	Married. 2 children. Daughters, aged 6 (or 7) and 1.
Occupation	Chemical engineer.

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The following is the description of GERHARD NORVAL WOLLAN:

Name	GERHARD NORVAL WOLLAN
Residence	Dahlonega, Georgia
Race	White
Sex	Male
Age	39
Birthdate	6-22-10
Birthplace	Glenwood, Minnesota
Height	6'1"
Weight	195
Eyes	Blue
Hair	Light brown
Complexion	Dark
Build	Slender; round shouldered, tall.
Peculiarities	Wears shell rimmed glasses
Marital status	Married.
	Wife: HELEN <del>MAYER</del> WOLLAN
	Sons: MICHAEL JOSEPH WOLLAN, age 7
	PETER KARL WOLLAN, age 2.
Nationality	American; Norwegian descent.
Relatives	Father: GUSTAV WOLLAN, deceased.
	Mother: CLARA WOLLAN, 27 West Maple Street, Glenwood, Minnesota.
	Brothers: OTTO EGBERT WOLLAN, Age 34, Glenwood, Minnesota.
	ROLF SIDNEY WOLLAN, Glenwood, Minnesota.
	Sister: Mrs. ALBERT C. (KATHERIN) <del>HUNT</del> WOLLAN, Bellingham, Washington.
Education	Luther College, Decorah, Iowa, 1927-1931, AB degree in Math; Minor in Physics, English, and Education.
	University of Iowa, Iowa City, September 1935 - July 1936.
	Presently attending University of Georgia, Athens, Georgia, parttime working on Ph. D. degree in Mathematics.
	Cornell University, Ithaca, New York, six weeks, 1948, Engineering Mathematics.
Past employment	Home Life Insurance Company, New York City, July 1936 - December 1941.
	U.S. Navy Yard, Brooklyn, New York, July 1942 - February 1944.

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Present employment

Military service

Organizations of which  
previously or  
presently a  
member:

Regal Chemical Corporation, Brooklyn,  
1944.

A. BROTHMAN & ASSOCIATES, New York City,  
and Elmhurst, New York, August 1944 -  
August 1946.

Sampson College, Sampson, New York,  
October 1946 - September 11, 1948, as  
Associate Math Professor.

Associate Math Professor, North Georgia  
College, Dahlonega, Georgia.

None

American Association of University  
Professors, Washington, D.C.

American Mathematical Society, New York  
City;

American Mathematical Association, New York  
City;

Georgia Educational Association, Atlanta,  
Georgia;

Norwegian Lutheran Church of America,  
Minneapolis, Minnesota;

Minnesota Educational Association,  
Minneapolis, Minnesota;

Federation of Architects, Engineers,  
Chemists, and Technicians, New York City;

Local Insurance Employees Guild, United  
Office and Professional Workers of  
America, New York City;

American Labor Party, New York City;

Pi Mu Epsilon Mathematical Fraternity,  
Athens, Georgia Chapter.

Was delegate in 1938 to Chicago Convention  
of United Office and Professional Workers  
of America.

Confidential Informant T-1, of known reliability, who had occasion to observe  
the activities of WOLLAN on May 15 and 16, 1950, advised that the only known  
contact of WOLLAN during that period was one LOUIS E. BERG, who is also  
a Math Professor at North Georgia College, Dahlonega, Georgia. BERG was in  
company with WOLLAN for awhile after which BERG mailed a letter at

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Dahlonega, Georgia, to VIRGINIA OGLESBY, 2233 Alston, Fort Worth, Texas, USA. This envelope bore BERG's return address at "Box 247, Dahlonega, Georgia (also USA)."

With reference to LOUIS E. BERG, the Minneapolis Office advised by letter dated March 3, 1950, that the files of that office reflect that the minutes of January 21, 1936, of the Student Affairs Committee of the DePau University reflect that BERG was a member of the American Student Union and apparently filed a petition signed by himself, together with forty-four additional students, and two faculty advisors, requesting that the Student Affairs Committee grant the organization known as the American Student Union official recognition as a campus organization.

*Navy*

- REFERRED UPON COMPLETION TO THE OFFICE OF ORIGIN -



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LEADS

One copy of this report is being furnished the Minneapolis Division for information inasmuch as they have investigation pending in that Division concerning WOLLAN.

Copies of this report are being furnished the Philadelphia and Boston Divisions for information because of investigation pending in those Divisions.

Copies of this report are being furnished the Washington Field Division in view of the fact that that office is the Office of Origin in the GREGORY case in which BROTHMAN is also a subject.

No leads are being set out as a result of this interview but are being left to the discretion of the Office of Origin as this office is not in possession of information concerning the leads already covered in this case.

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CONFIDENTIAL INFORMANT PAGE

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Surveillance conducted by Special Agents CHARLES H. EDWARDS,  
JOHN P. BLAYDEN, PAUL F. TIERNEY and NICHOLAS J. PURCHIA.

*Navy*

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[REDACTED]

FEDERAL BUREAU OF INVESTIGATION  
U. S. DEPARTMENT OF JUSTICE  
COMMUNICATIONS SECTION

MAY 28 1950

TELETYPE

~~SECRET~~

Classified by 2355/4/18/001  
Exempt from GDS, Category 2-3  
Date of declassification Indefinite

CONF TWO STNS

WASHINGTON 1 AND PHILADELPHIA 1 FROM NEW YORK

DIRECTOR AND SAC

URGENT

ABRAHAM BROTHMAN, WA [REDACTED] ESP - R. INTERVIEW WITH BROTHMAN CONTINUED MAY TWENTYTWO. DETAILED EXPLANATION OBTAINED FROM HIM REGARDING HIS ASSOCIATION WITH HARRY GOLD. BROTHMAN CLAIMS THIRTYNINE OR FORTY HE WAS DEMONSTRATING TWO MIXERS AT OFFICE HENDRICK MFG. CO., NYC.

BROTHMAN OWNED PATENTS ON MIXERS AND HENDRICK WAS TRYING TO MARKET

EM. PRACTICE IN CHEMICAL INDUSTRY THEN WAS TO SEND BLUE PRINTS AND LITERATURE ON MIXERS AND OTHER CHEMICAL MACHINERY TO INDIVIDUALS ON MAILING LIST. JACOB GOLOS VISITED BROTHMAN IN HENDRICK OFFICE IN

RESPONSE TO RECEIPT OF LITERATURE ON MIXERS. CLAIMED TO BROTHMAN HE REPRESENTED SOVIET GOVT PURCHASING COMMISSION AND COULD GET LARGE

ORDERS FOR BROTHMAN. BROTHMAN STATED HE MET GOLOS AND WOMAN KNOWN TO HIM AS HELEN OVER PERIOD OF TIME AND GAVE BLUE PRINTS TO THEM. SOME

OF BLUE PRINTS WERE ON OIL BLOWING KETTLE, HC RESIN KETTLE AND UREA RESIN PLANT LAYOUT. IN CONVERSATION WITH GOLOS BROTHMAN STATED HE

WANTED TO USE LAB OR WANTED TO GET SOMEONE WHO WORKED IN LAB AND COULD

ON SOME OF HIS CHEMICAL PROCESSES. GOLOS SAID HE MIGHT BE ABLE

TO BROTHMAN IN TOUCH WITH SOMEONE WHO OWNED LAB. SUBSEQUENTLY

GOLD TELEPHONED BROTHMAN AND CAME TO SEE HIM. AT FIRST MEETING

Mr. Tolson	
Mr. Ladd	
Mr. Clegg	
Mr. Glavin	
Mr. Nichols	
Mr. Rosen	
Mr. Tracy	
Mr. Harbo	
Mr. Belmont	
Mr. Mohr	
Tele. Room	
Mr. Nease	
Miss Gandy	

APPROPRIATE AGENCIES  
AND FIELD OFFICES  
ADVISED BY ROUTING  
SLIP(S) OF

23  
DATE

11/7/86

Classified by  
Declassify on

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OVER TO A NEW CONTACT. GREGORY SAYS GOLOS NEVER TURNED OVER NEW CONTACTS UNLESS HE HAD BEEN SPECIFICALLY INSTRUCTED TO BY HIS SUPERIORS. SOMETIME LATER GREGORY MET BROTHMAN, NYC, AND INFORMED HIM OF GOLOS- REQUEST. STATES BROTHMAN ADAMANT, AND IT WAS NECESSARY FOR GOLOS TO SEE HIM AT A STILL LATER DATE REGARDING TURNING HIM OVER TO A NEW CONTACT. SAYS SWITCH OF BROTHMAN-S CONTACTS WAS EFFECTED BY OBTAINING BROTHMAN-S AUTOMOBILE LICENSE NUMBER REQUESTING HIM TO PARK HIS CAR AND REMAIN IN IT ON EIGHTH OR NINTH AVENUE IN UPTOWN MANHATTAN, THAT NEW CONTACT WOULD GET INTO THE CAR, TALK TO BROTHMAN, AND ACCEPT ANY MATERIAL HE HAD. (BROTHMAN LATER CALLED GREGORY, STATED HE HAD LOST TOUCH WITH HIS NEW CONTACT) GREGORY RELATED THIS TO GOLOS AND HEARD NOTHING MORE ABOUT IT. GOLD-S PHOTOGRAPH EXHIBITED TO GREGORY. IS UNABLE TO IDENTIFY HIM DEFINITELY BUT THINKS POSSIBLY SHE MET MAN WITH SOMEWHAT SIMILAR "FACIAL CHARACTERISTICS", NYC, AND THAT MEETING PROBABLY WAS CONCERNED WITH HER EMPLOYMENT AT WORLD TOURISTS, INC. PHOTOS FORWARDED VIA SPECIAL MESSENGER TO PHILADELPHIA TONIGHT. SPECIAL ATTENTION DIRECTED TO PAVEL MIKHAILOV, JOSEPH KATZ, V. ZUBILIN, PAVEL KLARIN AND SCHEVCHENKO. INVESTIGATION CONTINUING. ~~CONFIDENTIAL~~ w

SCHEIDT

ACK IN ORDER PLS

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cc: Mr. Belmont  
Mr. Sampson